

1.1 Sample Telecommunications Element for Lake County General Plan

GOALS, POLICIES, AND ACTIONS

Goal T-1: Promote broadband-based services to increase county operational efficiency

Goal T-2: Promote efficient expansion of broadband infrastructure to provide high-speed broadband Internet service

- **Goal T-1: Promote Broadband-Based Services to Increase County Operational Efficiency**
 - **Policy T-1.1 (Promote Deployment of Broadband Services in Public Facilities)** – Promote deployment of broadband services to provide broadband-based municipal services.
 - **Action T-1.1.1** – Promote inclusion of broadband facilities in all public buildings, major transportation projects and all public works projects.
 - **Policy T-1.2 (Develop Standards)** – Develop standards for preparing future construction and development of broadband facilities and services.
 - **Action T-1.2.1** – Develop broadband building and wiring standards to support broadband in new construction and buildings.
 - **Action T-1.2.2** – Develop broadband requirements for new public, commercial, residential and industrial projects.
 - **Policy T-1.3 (Online Municipal Services)** – Promote and make all municipal services available online.
 - **Action T-1.3.1** – Enable all municipal services in the county’s portals.
- **Goal T-2: Promote Efficient Expansion of Broadband Infrastructure to Provide High-Speed Broadband Internet Service**
 - **Policy T-2.1 (Develop a Strategic Broadband Plan)** – Develop a strategic plan for supporting expansion of high-speed broadband infrastructure and services for residential, business and industrial customers and anchor institutions.
 - **Action T-2.1.1** – Work with public entities, non-government organizations, and business associations, among other interested parties, to assess priority areas and needs of residential, business and industrial customers and community anchor institutions (education, public services, public safety, and health care).
 - **Action T-2.1.2** – Based on the priority areas and needs assessments, develop a master plan to address them including objectives, strategies, partners, resources, and timelines, among other important planning elements.
 - **Policy T-2.2 (Dig-Once Policy)** – Promote collaboration among public works departments, utility companies and Internet service providers to find project planning synergies to optimize resources for installation of conduit and/or fiber optics as part of county projects.
 - **Action T-2.2.1** – Develop and implement a local dig-once ordinance by assessing the potential role of local governments and different dig-once policy approaches (i.e., open trench, shadow conduit, excess capacity utilization, etc.).

- **Action T-2.2.2** – Develop standards for deploying conduit and lateral connections. This will allow cost estimation of adding conduit in an excavation project in public rights-of-way, and efficient planning and deployment of fiber on standard conduit deployments.
- **Policy T-2.3 (Access to Public Assets and Develop a Master Lease)** – Assess feasibility of allowing ISPs to lease public assets (public rights-of-way, land, buildings, ducts, conduit, poles, towers, etc.) for deployment, upgrade and/or expansion of broadband networks.
 - **Action T-2.3.1** – Develop an up-to-date inventory of broadband related county-owned assets and community anchor institutions which might include land, public rights-of-way, conduit, buildings, utility poles, light standards, towers, and any other property.
 - **Action T-2.3.2** – Make the asset inventory available in geographic information system (GIS) format and make it publicly available through an online map viewer and data tables.
 - **Action T-2.3.3** – Develop and implement a master lease aimed to reduce processing time and complexity for leasing county broadband-related assets. The agreement must include standard terms such as fee structures, agreement duration, renewal terms, access and responsibilities of the parties, and co-location rights, among other legal requirements.
 - **Action T-2.3.4** – Develop specific procedures to grant access and/or leasing assets in a fair and transparent manner to all interested ISPs.
- **Policy T-2.4 (Streamline Permit and Authorization Processes)** – Ensure transparent and fair permit and authorization processes for all ISPs. Streamline process to deploy broadband infrastructure to allow faster and timely expansion of broadband infrastructure and services in the county.
 - **Action T-2.4.1** – Review and assess current municipal permit and authorization application processes for deployment of broadband infrastructure, including requirements, steps, timelines, and costs associated with the applications.
 - **Action T-2.4.2** – Update permit and authorization processes when, based on the assessment, efficiencies and faster processes can be achieved.
 - **Action T-2.4.3** – Require digital plan files in GIS format for all upcoming works in PROWs and new developments (i.e., utilities, developers, contractors and others).
- **Policy T-2.5 (Assess Partnerships for Infrastructure Deployments)** – Assess the establishment of strategic partnerships with ISPs to support infrastructure and broadband services expansion.
 - **Action T-2.5.1** – Assess the potential role of the county as partners to support broadband service expansion.
 - **Action T-2.5.2** – Explore partnerships with state agencies (i.e., Caltrans) to achieve interagency coordination.

- **Policy T-2.6 (Develop a Database of Upcoming Public Infrastructure Projects)** – Generate a database of upcoming public infrastructure projects (i.e., water, sewer, roads, paving, etc.) in public rights-of-way, including location, routes and estimated timelines.
 - **Action T-2.6.1** – Identify and track upcoming public infrastructure projects and generate a database.
 - **Action T-2.6.2** – Make the upcoming public infrastructure project database available in geographic information system (GIS) format through an online map viewer.
- **Policy T-2.7 (Promote Validation of Broadband Service Availability and Speed)** – Promote crowd validation of broadband service availability and speed for anchor institution, residential, business and industrial broadband services.
 - **Action T-2.7.1** – Promote downloading and using the CalSPEED (or similar professional tools) for validating broadband service coverage and speed of broadband services.