

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**Communications Division
Broadband, Video and Market Branch**

**RESOLUTION T-17660
September 12, 2019**

RESOLUTION

Resolution T-17660: Approval of funding for the grant application of Frontier California, Inc. (U-1002-C), from the California Advanced Services Fund (CASF) up to the amount of \$692,888.58 for the Weimar Project for unserved areas in Placer County.

I. Summary

This Resolution approves \$692,888.58 in funding from the California Advanced Services Fund (CASF) for the revised grant application of Frontier California Inc. ("Frontier"), to construct the Weimar Project. Frontier proposes to deploy last-mile very high-speed Digital Subscriber Line Second Generation (VDSL2) facilities in Weimar, an unincorporated community located in Placer County.¹ The proposed project will enable broadband access at speeds of at least 10 Mbps download and 1 Mbps upload to an estimated 148 CASF-eligible households, at a per-household cost of \$4,681.68.

The Weimar Project is the last application under the rolling applications cycle that began in 2014 and concluded with the Commission's approval of D. 18-12-018 on December 13, 2018. This application was received on December 12, 2018. Staff analyzed Frontier's application according to the program rules that were in effect at the time of submission.

II. Applicant Request

On December 12, 2018, Frontier submitted an application to offer service to the communities of Colfax and Weimar in Placer County. In its original application, Frontier requested \$2,320,497.72 in funding to offer Internet service access to 1,411 unserved households. Colfax.net, SmarterBroadband, and Wave all challenged the application. Using the California Interactive Broadband Map, Staff determined that most of the original project area was already served by a combination of wireline and fixed wireless providers. Frontier revised its application by removing served areas

¹ ITU-T G.993.2 VDSL2 Standard specifies an access technology that exploits the existing infrastructure of copper wires that were originally deployed for Plain Old Telephone Service (POTS) to deliver high speed data transmission.

from the project, including the entirety of Colfax, along with other areas Staff thought may be too costly to serve, and similarly reduced the grant request.

Location and Topography: Weimar is an unincorporated community in the foothills of the Sierra Nevada mountain range, at an elevation of 2600-2900 feet. It is approximately 45 miles northeast of Sacramento and 30 miles southwest of Emigrant Gap and the Tahoe National Forest via I-80. It is 70-80 miles from Tahoe City and Reno. The terrain is rough and forested.

Applicant: Frontier is a publicly traded corporation, the fourth largest incumbent local exchange carrier (ILEC) in the United States, and the second largest in California. As the Carrier-of-Last-Resort in Weimar, Frontier California currently provides voice service in the proposed project area via facilities acquired from Verizon California in 2016 and does not provide broadband Internet service.

Project: Frontier proposes adding 1,000 feet of fiber to its network, and leasing transport capacity for the middle-mile. This project will consist predominantly of equipment upgrades to Frontier's existing facilities to provide last-mile Internet service over the legacy copper infrastructure using VDSL2 technology. Staff estimates 50 percent of CASF-eligible households are within roughly 5,000 feet of Frontier's terminals and should expect very fast service (25 Mbps to a maximum of 115 Mbps), but all subscribers within roughly 10,000 feet can expect to receive speeds over 10 Mbps.

III. Notice and Challenges

On December 21, 2018, Staff posted the proposed project area map, census block groups (CBGs) and zip codes for the Colfax & Weimar Project on the Commission's CASF webpage under "CASF Application Project Summaries" and sent notice regarding the project to the CASF electronic service list. Staff received challenges from Colfax.net, SmarterBroadband, and Wave. As a result of the review of these challenges and the latest data on the California Interactive Broadband Map, Staff informed Frontier that the majority of the original application was ineligible and requested Frontier to provide a revised project proposal, including revised cost estimates.

IV. Project Review

A. Project Area Eligibility

Staff has determined that the proposed project is eligible for a CASF grant. AB 1665, signed into law in October 2017, prohibits the Commission from awarding CASF funding to a project applicant if the existing facility-based broadband provider

demonstrates, in response to the Commission's annual offer, that it will deploy broadband or upgrade existing broadband service throughout the proposed project area within 180 days.² Additionally, until July 1, 2020, the Commission cannot approve projects located in census blocks where an existing facility-based broadband provider has accepted federal funds for broadband deployment from the Federal Communications Commission's Connect America Fund Phase II (CAF II) program, unless the existing facility-based broadband provider has notified the Commission before July 1, 2020, that it has completed its Connect America Fund deployment in the census blocks in question.³

CASF program guidelines require applicants to submit proof that the proposed project area is unserved, which is defined as where no wireline or fixed wireless broadband provider offers access at speeds of at least 6 Mbps downstream and 1 Mbps upstream.⁴ Once Staff determines that the area is eligible as an unserved area, Staff evaluates all other information submitted by the applicant to determine if the project meets the requirements outlined in D.12-02-015.

The project area does not contain census blocks that are CAF-II accepted locations except for blocks that are part of Frontier's CAF-II footprint. Frontier filed a release of these census blocks on December 11, 2018, shortly before applying for CASF funding, thereby making the census blocks eligible for CASF funding. No "right-of first-refusal" filings were received by the January 15, 2019 deadline.

B. Project Criteria Evaluation

Staff evaluated the application with respect to the criteria defined in D.12-02-015, Appendix 1, Section VIII (Scoring Criteria). The statutory provisions adopted in AB 1665 did not revise these criteria, which include: (i) Funds Requested per Potential Customer, (ii) Speed, (iii) Financial Viability, (iv) Pricing, (v) Total Number of Households in the Proposed Area, (vi) Timeliness of Completion of Project, (vii) Guaranteed Pricing Period, and (viii) Low-Income Areas.

Funds per household: Frontier requests grant funding for 90 percent of project deployment costs, a per-household subsidy of \$4,681.68.

² See Pub. Util. Code section 281(f)(4)(A)(i) - 281 (f)(4)(A)(ii). The Commission adopted a "right of first refusal" process in T-17443, June 27, 2014, and T-17590, December 20, 2017.

³ See Pub. Util. Code section 281(f)(5)(C)(i) - 281 (f)(5)(C)(ii)

⁴ See Pub. Util. Code section 281(f)(5)(A). The latest version of the California Interactive Broadband Availability Map uses wireline data as of December 31, 2017.

This project is in line with the average historical cost of CASF last-mile projects, which cost \$4,438 per household.⁵ The project is funded at 90 percent deployment cost, which is more than previously capped projects at no more than 60-70 percent reimbursement costs. Staff notes that this is a DSL project, and the cost would be higher compared to other DSL projects approved by the Commission. The total number of households for this project is 148, which is significantly less compared to other Frontier's DSL projects that range from 339 to 791 total households.⁶ The fewer households there are, the higher the cost per household will be. Other factors that skew the cost include leasing circuits and steep topography (forest cover and rocky conditions). Topography has historically prevented providers from serving these remote households.

Speed: The proposed speed offerings (up to 115 Mbps download and up to 12 Mbps upload) meet the 10/1 minimum performance requirement set by AB 1665. Most households should expect speeds near 25 Mbps download and 2 Mbps upload. The proposed speeds rank comparatively lower than the average of all CASF projects previously awarded, though similar to other DSL technology projects.

Financial Viability: Based on the pro forma financial statements submitted by Frontier, Staff believes the applicant is capable of funding its \$76,897.62 share of project investment costs and that the projected revenues will exceed the costs of operating the facilities.

Staff notes that some of Frontier's investors have raised concerns about the company's financial viability. Frontier showed a \$643 million loss in 2018 and its stock has lost 77 percent of value in the past 12-month period. However, in 2019, Frontier has managed to stabilize its revenue and made significant efforts to reduce debt and improve its financial leverage profile, including selling of wireless and wireline assets and effectively extending loan maturities, to aid in a company rebound after four consecutive years of reported losses. Staff considers the risk low that Frontier will receive ratepayer funds and then not complete the project and not operate it for at least five years. The project should be profitable to operate.

Pricing: Frontier commits to the broadband pricing plan in Table 1 below, for two years starting from the date service begins. There is no long-term commitment required by the consumer to receive these prices. Frontier's typical activation fee of \$9.99 will be waived for this project, in line with CASF requirements. LifeLine-eligible subscribers are also eligible for discounted broadband service (12 Mbps download / 1 Mbps upload

⁵ See 2018 Annual Report on the California Advanced Services Fund, California Public Utilities Commission, Issued April 2019, pages 17-18.

⁶ Resolution T-17613 and T-17614.

for \$13.99/month) if broadband service is bundled with LifeLine-discounted voice service. Compared to all CASF projects, on a \$/Mbps basis, the non-discounted prices are 37 percent above the median.

Table 1. Proposed Broadband Pricing

| Download Speed | Upload Speed | Monthly Price |
|-----------------------|---------------------|----------------------|
| 12 Mbps | 1 Mbps | \$25.00 |
| 18 Mbps | 1 Mbps | \$30.00 |
| 25 Mbps | 2 Mbps | \$35.00 |
| 45 Mbps | 3 Mbps | \$40.00 |
| 70 Mbps | 3 Mbps | \$45.00 |
| 90 Mbps | 5 Mbps | \$50.00 |
| 115 Mbps | 7 Mbps | \$60.00 |

Households in project area: Based on the latest U.S. Census data, there are 148 CASF-eligible households in the proposed project area. An additional 1,374 CASF-ineligible households will benefit from upgrades made in this project.

Project Completion Timeline: The applicant expects less than 11 months from the date of approval to begin providing service. By comparison, the average approved project has required over 22 months to complete.

Low-income areas: According to U.S. Census data, the median income in the census block groups affected by the project is \$65,874.20 and is not considered a low-income area. Some census block groups' median incomes fall below the statewide median of \$63,783, but none fall below the standard of \$50,200 used by California Alternate Rates for Energy and, as of D. 18-12-018, the CASF.

C. Safety and Community Input Considerations

The CASF program encourages the deployment of broadband throughout the State to enable the public to access Internet-based safety applications, telehealth services, access to emergency services, and to allow first responders to communicate with each other and collaborate during emergencies.

The proposed project area is located within a Tier 2 fire-threat zone where reliable broadband Internet service will promote public safety and play an important role in response and recovery from future fires. The Twin Pines-Weimar area has been designated by CalFire as "Communities at Risk" of damage from wildfire with a history

of major fires that have occurred in the western foothills of the Sierra Nevada mountain range and Tahoe National Forests. The local Placer Hills Fire Protection District (Station 86, located at 100 W Weimar Cross Road) will have access to enhanced communications services as a result of the proposed project.

Additionally, the project will bring enhanced broadband service availability to the only Hospital in the Weimar area, Weimar Family Care, as well as the recently accredited Weimar Institute, which includes the Weimar College and NEWSTART Medical Clinic. The Weimar Academy (a private boarding high school) and Weimar Hill School (K-12) of the Placer Hills Unified School District will also benefit from the availability of enhanced communications services.

D. Funding Level Determination

Pub. Util. Code section 281(f)(13), amended in 2017 by AB 1665, authorizes the Commission to award grants to fund all or a portion of the project and requires that it determine, on a case-by-case basis, the level of funding to be provided. Further, the Scoping Memo in CASF Rulemaking 12-10-012 stated that “(u)ntil new program rules are in place, the Commission will continue funding of applications in the interim from the remaining funds.”⁷ Given that AB 1665 took effect immediately and D 18-12-018 has since established revised program rules, it is appropriate for Staff to review this project application relative to the new Section 281 statutory language and all operative rules.

Frontier’s Request: Frontier requests the Commission award the company a grant to cover 90 percent of costs for the proposed Weimar Project.

Staff Analysis: AB 1665 allows the Commission to award up to 100 percent of project costs.⁸ Staff used the statutory factors for consideration of the grant funding level, as described by Pub. Util. Code sections 281(f)(13) and 281(b)(2)(B)(i), and CASF rules adopted in D.18-12-018, in the following manner to determine the grant funding level for the Weimar Project:

⁷ See, Scoping Memo Ruling, dated February 14, 2018, page 13.

⁸ Pub. Util. Code, § 281(f)(13). See Bill Analysis prepared by California Assembly Committee on Conveyance, April 26, 2017, p.4. “Arguably since the creation of CASF, most areas that have been served by CASF funds are projects in which applicants feel that their cost, combined with CASF funds, warrant an investment in deploying broadband in such areas. However, this leaves most of the remaining unserved areas of state, mostly in rural and small communities, still without broadband connectivity due to the lack of investment by providers who feel that the difficulties associated with deploying and maintaining such a network in the area for a limited amount of potential customers, even combined with CASF funds, would not result in a positive return on investment. Arguably, the remaining unserved households potentially are households in which even a 70% total cost CASF grant still does not provide enough incentive for a provider to build. Hence, CPUC should consider awarding grants that offer funding for 100% of total costs when warranted.”

1. Baseline for Eligible Project – 60 Percent Funding

CASF program is intended to finance capital costs of projects deploying broadband facilities in unserved and underserved areas of California. Pursuant to CASF rules adopted in D.18-12-018, the baseline funding level for a project meeting all CASF eligibility criteria qualifies for 60 percent funding.

Assessment: Weimar meets all the eligibility criteria, as previously described in the Project Area Eligibility evaluation section and receives 60 percent funding.

2. Service Level Preference – 40 Percent Funding

Section 281(b)(2)(B)(i) encourages the Commission to: “Give preference to projects in areas where Internet connectivity is available only through dial-up service that are not served by any form of wireline or wireless facility-based broadband service or areas with no Internet connectivity.”

Assessment: According to the California Interactive Broadband Map, even the parts of Weimar that are unserved by wireline or fixed wireless broadband service have access to mobile data services. Thus, this project does not meet this criterion.

3. Low Income Consideration – 40 Percent Funding

Pursuant to CASF rules adopted in D.18-12-018, projects serving low-income areas (median household income less than \$50,200) are eligible for an additional 30 percent, while applicants that offer a plan to low-income customers for no more than \$15/month are eligible for an additional 10 percent funding.

Assessment: The median income of the census block groups in the proposed project area is \$65,874.20; thus, this project does not meet the 30 percent low-income criteria.

Frontier commits to offer LifeLine-eligible subscribers discounted broadband plans at \$13.99/month. Thus, this project is eligible for an additional 10 percent funding.

4. Funding Level Factor Consideration – 20 Percent Funding

Section 281(f)(13) states that: “The Commission shall... consider factors that include but are not limited to, the location and accessibility of the area, the existence of communication facilities that may be upgraded to deploy broadband, and whether the project makes a significant contribution to achievement of the program goal.” Staff proposes that each of these factors receive an additional 10 percent funding, consistent with T-17613 and T-17614.

Assessment: Due to the proposed project’s location in the foothills of a National Forest, Staff considers the project area to be complex terrain and relatively inaccessible to advanced broadband communications infrastructure, thus eligible for additional funding. Staff also considers the project eligible for additional funding due to Frontier’s use of existing infrastructure to upgrade and deploy broadband. Regarding whether a project makes a significant contribution to achievement of the program goal, the Commission has established priority areas for broadband infrastructure deployment in Resolution T-17443. Further, in February 2017, Staff published a High-Impact Analysis.⁹ Weimar has not been recognized in either document as making a significant contribution toward achievement of the program goal beyond the contribution made by other CASF grants. In total, this project is eligible for an additional 20 percent funding in consideration of meeting two of the three described factors.

Recommended Grant Funding Level: After weighing the considerations listed above, Staff recommends awarding 90 percent funding for this project.

V. Compliance Requirements

Frontier is required to comply with all the guidelines, requirements, and conditions associated with the grant of CASF funds as specified in D.12-02-015.

A. California Environmental Quality Act (CEQA)

All CASF grants are subject to California Environmental Quality Act (CEQA) requirements unless the project is statutorily or categorically exempt pursuant to the CEQA Guidelines.

⁹ Resolution T-17443 and the Staff High-Impact Analysis are available on the CPUC website; www.cpuc.ca.gov/General.aspx?id=6442455975

Frontier has provided the Commission with its plan to use existing Frontier owned underground conduit systems for the installation of 1,000 feet of fiber to support new remote terminals. The new fiber cable will be spliced from already existing splice points. The new remote terminals will be installed at Frontier facilities where copper cabling, power, and copper cross connect already exists. Frontier will upgrade the electronics to increase broadband capacity but will not replace the copper cable infrastructure.

Based on the above information, Energy Division has confirmed that the project is categorically exempt from CEQA review. This project meets the criteria of the CEQA categorical exemptions for CEQA Guidelines § 15301 (Existing Facilities) and CEQA Guidelines § 15302 – Replacement or reconstruction of existing structures and facilities. Thus, the entirety of the Weimar project is categorically exempt from CEQA review.

B. Deployment Schedule

Staff expects Frontier to complete the project within 24 months from start date (as determined by the procedure below), and the applicant has committed to do so. If the applicant is unable to complete the proposed project within the 24-month timeframe requirement, Frontier must notify the Director of the Communications Division as soon as it becomes aware of this possibility. If such notice is not provided, the Commission may reduce payment for failure to satisfy this requirement of notifying the Director on a timely basis.

C. Execution and Performance

Frontier shall determine a project start date after the CASF grant recipient has obtained all approvals. The Commission may terminate the grant should Frontier or any contractor it retains fail to commence work by the designated date, upon five days' written notice to Frontier. In the event Frontier fails to complete the project in accordance with the terms of CPUC approval as set forth in this resolution, Frontier shall reimburse some or all of the CASF funds that it has received. Frontier must complete all construction covered by the grant on or before the grant's termination date.

D. Performance Bond

CASF rules do not require a performance bond if the applicant certifies that the percentage of the total project cost it is providing comes from its capital budget and is not obtained from outside financing. In its application, Frontier requested 90 percent

funding and certified that 10 percent of the total project costs it is providing will come from its existing capital budget.

E. Price Commitment Period

The minimum required price commitment period for broadband service to all households within the project area is two years after project completion. Frontier guarantees the price of service offered in the project area for two years.

F. Project Audit

The Commission has the right to conduct any necessary audit, verification, and discovery during project implementation/construction to ensure that CASF funds are spent in accordance with Commission approval.

Frontier's invoices will be subject to a financial audit by the Commission at any time within three years of completion of the work.

G. Providing Voice Service

Frontier has certified that its basic analog telephone service meets the Federal Communications Commission (FCC) standards for E-911 service and battery backup.

H. Reporting

Frontier must submit quarterly progress reports on the status of the project irrespective of whether Frontier requests reimbursement or payment.

Progress reports shall provide the schedule for deployment, major construction milestones, and costs submitted in the proposal; indicate the actual date of completion of each task/milestone as well as problems and issues encountered, and the actions taken to resolve these problems and issues during project implementation and construction; and identify future risks to the project. Frontier must certify that each progress report is true and correct under penalty of perjury.

Frontier must submit a project completion report before full payment of the project. Frontier shall also include test results on the download and upload speeds on a CBG and zip code basis in the final completion report.

I. Submission of Form 477

The FCC currently requires broadband providers to biannually submit Form 477, which includes speed data. While there is an imperfect match between the data that is reported in the Form 477 and to the CASF, the Form 477 data will be useful in documenting CASF deployment for the service provider's new service. Pursuant to General Order 66-D, service providers in California must submit a copy of its Form 477 data directly to the CPUC, concurrent with its submission of the same data to the FCC for a five-year period after completion of the project.¹⁰

J. Prevailing Wage

Section 1720 of the California Labor Code specifies that CASF-subsidized projects are subject to prevailing wage requirements. Frontier has committed to follow state prevailing wage requirements with regards to this project.

K. Payments to CASF Recipients

Submission of invoices from and payments to Frontier shall be made at 25 percent completion intervals, in accordance with Section XI of Appendix 1 of D.12-02-015 and according to the guidelines and supporting documentation required in D.12-02-015.

Payment to Frontier shall follow the process adopted for funds created under Pub. Util. Code, §270. The Commission generally processes payments within 20-25 business days, including Communications Division and Administrative Services' review time. The State Controller's Office (SCO) requires an additional 14- 21 days to issue payment from the day that requests are received by SCO from Administrative Services.

VI. Comments on Draft Resolution

In compliance with Public Utilities Code § 311(g), a notice letter was e-mailed on August 8, 2019, informing all parties on the CASF Distribution List of the availability of the draft of this resolution for public comments at the Commission's website at <http://www.cpuc.ca.gov/PUC/documents/>. This letter also informed parties that the final conformed Resolution adopted by the Commission will be posted and available at this same website.

¹⁰ *Approval of the California Advanced Services Fund (CASF) Application Requirements and Scoring Criteria for Awarding CASF Funds* (2008) Cal. P.U.C. Res. No. T-17143 at 4.

VII. Findings

1. Frontier filed an application for CASF funding for its Colfax and Weimar Project on December 12, 2018. The proposed project would upgrade Frontier's existing copper-based network in the area to provide up to 115 Mbps service to Colfax and the unincorporated community of Weimar, California, in Placer County. Only some areas in Weimar are currently considered unserved by the CASF.
2. Staff posted the proposed project area map, CBGs and zip codes for Frontier's Weimar Project on the Commission's CASF webpage under "CASF Application Project Summaries" on December 19, 2018.
3. Staff received one valid challenge to this project which was used to render large portions of the original project area ineligible for a grant. The application was amended for only the remaining eligible areas located in CBGs: 060610220022, 060610220023, 060610219022, 060610219011, 060610219012
4. Staff reviewed and analyzed data submitted for Frontier's Weimar Project CASF grant application to determine the project's eligibility for CASF funding. This data included, but was not limited to: proof of a CPCN (U-1002-C) from the Commission; descriptions of current and proposed broadband infrastructure; geographic information system (GIS)-formatted shapefiles mapping the project areas; assertion that the area is unserved; number of potential subscriber households and average incomes; project construction schedule; project budget; proposed pricing and commitment period for new subscribers; and financial viability of the applicant.
5. Staff reviewed the submitted shapefiles, which mapped the proposed broadband deployment using United States 2010 Census data and the California Interactive Broadband Map, with availability data current as of December 31, 2017. These maps helped to verify the availability and speed of any broadband service, where available. The project area was determined to be unserved.
6. Based on its review, Staff determined that the project qualifies as CASF grant eligible pursuant to D. 12-02-015, and new subsections of the Pub. Util. Code section 281, and therefore recommends Commission approval of CASF funding at the 90 percent funding level for Frontier's Weimar Project, resulting in an award of \$692,888.58.

7. The Commission finds the funding level recommendation prepared by Staff to be a reasonable interim interpretation of the statute for Staff to use on CASF Infrastructure Grant applications received prior to the Commission approving updated rules.
8. Frontier is required to comply with all guidelines, requirements, and conditions associated with the granting of CASF funds as specified in D.12-02-015, D.14-02-018, Resolution T-17443 and this Resolution and must submit the FCC Form 477, as specified in T-17143.
9. The project qualifies for the following categorical exemptions from CEQA review: CEQA Guidelines § 15301 (Existing Facilities) and CEQA Guidelines § 15302 – Replacement or reconstruction of existing structures and facilities.
10. A notice letter was e-mailed on August 8, 2019, informing all applicants filing for CASF funding, parties on the CASF distribution list of the availability of the draft of this Resolution for public comments at the Commission's website <http://www.cpuc.ca.gov/PUC/documents/>. This letter also informed parties that the final confirmed Resolution adopted by the Commission will be posted and available at this same website.

THEREFORE, IT IS ORDERED that:

1. The Commission shall award \$692,888.58 to Frontier for the Weimar Project as described herein and summarized in Appendix A of this Resolution.
2. The program fund payment of \$692,888.58 for this project in unserved areas shall be paid out of the CASF Infrastructure Grant Account in accordance with the guidelines adopted in D.12-02-015, D.14-02-018, D.18-12-018, Resolution T-17443, including compliance with CEQA.
3. Payments to Frontier shall be in accordance with Section XI of Appendix 1 of D.12-02-015, D.14-02-018, and Resolution T-17443, and in accordance with the process defined in the "Payments to CASF Recipients" section of this Resolution.
4. Frontier shall comply with all guidelines, requirements and conditions associated with the CASF funds award as specified in D.12-02-015, D.14-02-018, D.18-12-018, Resolution T-17443 and this Resolution and must submit the FCC Form 477 to the Commission, as specified in Resolution T-17143.

5. By receiving a CASF grant, Frontier agrees to comply with the terms, conditions, and requirements of the grant and thus submit to the jurisdiction of the Commission with regard to disbursement and administration of the grant.
6. Frontier must complete all construction covered by the grant on or before the grant's termination date. If the project will not be completed within the 24-month timeframe, Frontier must notify the Director of Communications Division as soon as it becomes aware of this possibility. The Commission may reduce payment for failure to satisfy this requirement if such notice is not provided.
7. If Frontier fails to complete the project in accordance with the terms outlined in D.12-02-015, D.14-02-018, D.18-12-018, Resolution T-17443 and this Resolution, Frontier must reimburse some or all of the CASF funds that it has received.
8. Frontier must sign and return a consent form agreeing to the conditions set forth in this Resolution.
9. Frontier must submit a project completion report prior to receiving final payment.

This Resolution is effective today.

I hereby certify that this Resolution was adopted by the Public Utilities Commission at its regular meeting on _____. The following Commissioners approved it:

ALICE STEBBINS
Executive Director

APPENDIX A
Resolution T-17660
Frontier Weimar Project
CASF Applicant Key Information

| <i>Project Name</i> | Frontier California Weimar Project |
|--|---|
| <i>Project Plan</i> | The project proposes to upgrade existing wireline infrastructure in Weimar including the installation of approximately 1,000 feet of fiber optic cable to enable VDSL2 service for up to 148 CASF-eligible households. For the middle mile, Frontier will and lease a 10G circuit from CenturyLink. The project will provide up to 115 Mbps download and 12 Mbps upload speeds. |
| <i>Project Size (in square miles)</i> | 4.0 sq. miles for last mile |
| <i>Download/Upload speed</i> | 10 Mbps / 1 Mbps |
| <i>Location</i> | Placer County |
| <i>Community Name</i> | Weimar |
| <i>Census Block Groups</i> | 060610220022 060610220023 060610219022 060610219011 060610219012 |
| <i>Median Household Income</i> | \$ 65,874 |
| <i>Zip Codes</i> | 95703 95713 95722 |
| <i>Estimated Potential Subscriber Size</i> | 148 households (2010 US Census) |
| <i>Applicant Expectations</i> | 87 customers (80-percent take rate) |
| <i>Pricing Plan (Monthly)</i> | Simply Internet (stand-alone pricing): Min: 9-12 Mbps / 1 Mbps for \$25; Max: 115 Mbps /7 Mbps for \$60 LifeLine for \$13.99 |
| <i>Deployment Schedule (from permit approval date)</i> | 11 months |
| <i>Eligible Proposed Project Budget (Total)</i> | \$ 769,876.20 |
| <i>CASF Grant Amount (90 percent)</i> | \$ 692,888.58 |
| <i>Applicant Funded (10 percent)</i> | \$76,987.62 |

| | |
|---|------------|
| <i>Recommended Grant per household passed</i> | \$4,681.68 |
|---|------------|

Resolution T-17660
Frontier Weimar Project – Location Map

