PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Communications Division **RESOLUTION T- 17529**
Broadband, Video and Market Branch **August 18, 2016**

R E S O L U T I O N

RESOLUTION T-17529: Approval of funding for the Rural and Regional Consortia grant applications of the Central Coast Broadband Consortium, the East Bay Broadband Consortium, and the Tahoe Basin Project in the amount of $736,660. Modifies D.11.06-038, Ordering Paragraph 4, Annual Summit Requirement to authorize Communications Division to conduct at least one Regional Consortia Learning Community Summit during the implementation of the reallocated $5 million in the Consortia Account.

I. SUMMARY

This Resolution approves grant funding in the amount of $736,660 from the California Advanced Services Fund (CASF) Rural and Regional Urban Consortia Account (Consortia Account) for the grant applications of the Central Coast Broadband Consortium (CCBC), East Bay Broadband Consortium (EBBC), and Tahoe Basin Project (TBP). These three projects will further broadband deployment, access and/or adoption in their regions. This Resolution also modifies D.11-06-038, annual summit requirement, authorizing CD to conduct at least one Regional Consortia Learning Community Summit during the implementation of the reallocated $5 million, instead of an annual summit, in order to make the most cost effective use of funds.[1]

By furthering broadband deployment, access and adoption, these projects are expected to enhance public safety in the Central Coast, East Bay, and Tahoe Basin in the event of fire, flooding, and earthquakes.

[1] D.11-06-038, Ordering Paragraph 4, p. 38 states "The Communication's Division is directed to schedule and host on at least an annual basis a Regional Consortia Learning Community Summit. All consortia receiving California Advanced Services Fund grants shall be required to attend the Summit. The purpose of the Summit is to provide a forum for all consortia to gather and exchange information and ideas on best practices to enhance the effectiveness of consortia programs."

II. BACKGROUND

On September 2, 2015, the Governor signed AB 1262 (Wood, Chapter 242, Statues of 2015) that reallocated $5 million from the CASF Broadband Infrastructure Revolving Loan Account to the CASF Consortia Account, thus making more funds available for consortia activities. Prospective applicants were invited to submit new proposals on January 29, 2016. The recent application process is consistent with Decision (D.) 11-06-038, with the addition of a performance review for applicants with prior Consortia grant experience.

III. APPLICANT REQUEST

On January 29, 2016, CCBC, EBBC, and TBP submitted grant applications for CASF Consortia funding.[2]

Applicants:
CCBC represents Monterey, Santa Cruz, and San Benito Counties. CCBC was approved for a $450,000 Consortia Account grant in December 2011(Resolution T- 17349). The fourth year extension of the program ended in December 2015. CCBC's consortia grant approval was for infrastructure data collection and analysis, model policy development, and diffusion of its information.[3]

EBBC represents Alameda, Contra Costa, and Solano Counties. EBBC was approved for a $450,000 Consortia Account grant in December 2011(Resolution T- 17349). The fourth year extension of the program ended in December 2015. EBBC's consortia grant approval was for the development of an infrastructure needs assessment and improvements in broadband infrastructure. EBBC joined with other organizations to provide free refurbished computers, tech support, and digital training for those without access.[4]

TBP represents the Lake Tahoe Basin, and is located within the Gold Country Consortium region. In May 2014, TBP was awarded a grant of $167,000 for two years to focus on infrastructure needs assessment (Resolution T-17440). TBP convened discussions regarding dig once[5] policies and optimizing existing cell tower

[2] Fifteen applications were submitted by January 29, 2016.
[3] Approximately $238,500 in total expenditures has been requested/paid.
[4] Approximately $425,400 in total expenditures has been requested/paid.
[5] In general, "dig once" refers to planning construction projects, such as street or highway projects, so that when a segment is excavated, a conduit that can house future broadband lines is placed underground in order to avoid re-excavating when one or more companies want to install networks under the street.

infrastructure and new siting with local, regional and federal stakeholders, and private companies.[6]

Proposals

CCBC requests $264,500 for a five-year program. The consortium will focus on deployment by continuing to develop GIS resources and web platform functionality so that the data documenting unserved and underserved priority areas in Monterey, San Benito, and Santa Cruz Counties (identified in T-17443) will facilitate investment in broadband infrastructure. The Consortium also proposes to continue its work on local broadband-enhancing policies by supporting their development and implementation with data collection and data analysis and helping to create model policy language. CCBC also proposes meetings to organize and implement infrastructure enhancement strategies, to update elected officials, to coordinate efforts with local agencies and to ensure implementable consortium products. According to CCBC, the reason for requesting a longer program time is that three years is required to update and extend its web based platform with the necessary data and analysis, and two additional years are needed to sustain the tool to support current and anticipated projects.

EBBC requests $272,160 for a three-year program. EBBC proposes to continue a broadband access and adoption program that coordinates donations and refurbishing laptop computers destined for disadvantaged students in Alameda and Contra Costa Counties. EBBC further proposes to provide families with free digital literacy training and assist with low-cost internet subscriptions registration. EBBC's proposal includes collaboration with tech educators, non-profits, public agencies, and tech companies to expand a "TechEquity" initiative- a program that seeks to increase tech education, internships, and jobs, for students of color and women throughout the region. EBBC would also organize a yearly summit to discuss the progress of its projects and plan future work.

TBP requests $200,000 for a two-year program. TBP proposes to target identified priority areas for last mile broadband infrastructure deployment, with the objective of ISP recruitment and grant application development. TBP proposes to convene interagency meetings to develop a dig once policy for the Basin, and to assist in streamlining the middle mile permit process, implementation and documentation/ analysis of such projects. Finally, TBP seeks to coordinate with cellular service providers, tower companies, landholding agencies, and permitting agencies to assist

[6] Approximately $167,000 in total expenditures has been requested/paid thus far.

with siting feasibility analyses, and to host discussions regarding co-location, improved siting and permitting.

IV. NOTICES

On February 18, 2016, CD posted a list of applications received on the Commission's CASF Consortia Account webpage,[7] and sent email notices regarding the proposed projects to its CASF Distribution List.

V. PROJECT REVIEW

A. Project Eligibility

CCBC, EBBC, and TBP applications are eligible because they meet the minimum criteria established by D.11-06-038 and CD's review of how efficiently and cost-effectively previously granted Consortia funds were spent as a basis for awarding any new and/or additional funding.

B. Project Criteria Evaluation

Proposals from previously funded Regional Consortia were considered in the context of past performance in implementing their Action Plan and Work Plan. Additionally, CD evaluated all proposals with respect to the criteria defined in D.11-06-038, Attachment G, Scoring Criteria. The criteria includes: (1) Work Plan, (2) Action Plan, (3) Budget, (4) Regional Consortium's/Members Experience, and (5) Regional Consortium Representation and Endorsements. CD's evaluation of these three projects is summarized below.

Past Performance

CCBC

To date, CCBC has successfully produced GIS and other analytical tools that have been effective in documenting broadband infrastructure and service gaps throughout its region. Along with its public outreach and coordination, these technical resources have been used to support and expedite infrastructure planning and development. Since the Consortium began its work, more than ten broadband infrastructure proposals were approved – four of them were CASF infrastructure grant proposals. CCBC provided resources to more deployment projects in the region that are in various stages of development. CCBC has also provided a GIS analysis and web-platform model for other consortia to emulate.

[7] http://www.cpuc.ca.gov/General.aspx?id=908

EBBC

Over the prior grant cycle, EBBC worked with the Oakland Housing Authority to develop a CASF public housing grant application, and attended regional meetings to advocate for making the East Bay a "gigabit region." EBBC coordinated workshops and tech fairs where more than 1,300 free computers, training, and tech support were delivered. EBBC coordinated and/or facilitated donations and refurbishing of more than 1,400 computers, the refurbishing of student computer labs and simulation stations at rec centers. EBBC also worked with other organizations to bring "tech equity" to students of color and women in the region.

TBP

The TBP efforts, thus far, include a public awareness and data gathering campaign, resulting in over 1,000 new speed tests being submitted to the CPUC for inclusion on its interactive map; creation of a map that included the latest broadband availability data and the results of a Tahoe (and surroundings) field survey, validating middle mile resources data; classification of un/underserved neighborhoods and recruitment of potential ISPs, resulting in two CASF grant applications and identification of other potential projects; and the introduction of the "dig once" policy concept to all relevant jurisdictions and utilities, and agreement to pursue a global policy for the Basin. Finally, the TBP initiated an effort to expand and strengthen the cellular network around the Basin by engaging the cellular providers, USFS and TRPA, establishing a new evaluation process for siting and potentially consolidating infrastructure.

During the previous grant cycle, the Fiscal Agents for CCBC, EBBC, and TBP filed appropriate documentation with reimbursement requests, and fulfilled other consortium-related responsibilities.

Work Plan

CCBC's Work Plan contains discrete, clear tasks and deliverables, with acceptable timelines for completion (see Appendix A). The Work Plan is directly related to the Action Plan and its goals. For example, CCBC plans to collect and integrate Form 477, CAF2 and other data into its GIS analysis, and further develop its web platform content for use in broadband infrastructure planning and development.

EBBC's Work Plan contains discrete, clear tasks and deliverables, with acceptable timelines for completion (see Appendix B). The Work Plan is directly related to the Action Plan and its goals. For example, EEBC proposes to coordinate the donation and distribution of 2,000 computers; and partner with public agencies, schools, and

community groups to encourage diversity and equity in tech education and tech business hiring.

TBP's Work Plan contains discrete, clear tasks and deliverables, with acceptable timelines for completion (see Appendix C). The Work Plan is directly related to the Action Plan and its goals. For example, TBP plans to bring together cities, counties, regional, federal agencies, utilities, and educational institutions to develop and adopt a "universal" dig once policy.

Action Plan

CCBC provided a clear Action Plan consistent with program requirements defined in D.11-06-038. CCBC proposes deployment-enhancing tools, as well as planning and policy assistant that are consistent with the "core responsibilities" outlined in D.11-06-038.[8]

EBBC provided a clear Action Plan consistent with program requirements defined in D.11-06-038. The Action Plan contains sufficient detail and outlines proposed actions that build upon past efforts, and includes a program that is consistent with D.11-06-038 "core responsibilities."[9]

TBP provided a clear Action Plan, consistent with program requirements of D.11-06-038. The Action Plan contains sufficient detail and outlines proposed actions that build upon past efforts, and includes a program that is consistent with D.11-06-038 "core responsibilities."[10]

Budget

CCBC's budget request of $264,500 covers a five-year period and therefore the proposal is a deviation from the three-year program cycle established in D.11-06-038.[11] In D.11-06-038, the Commission established a maximum of $150,000 per year budget for three years, with a total of $10 million in funding. The caps were deemed reasonable with respect to the budget available.[12]

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[8] CCBC focuses on creating web-based tools with information and analysis that can be used by all stakeholders to expand deployment in the region.
[9] EBBC proposes to enhance access and adoption through activities such as outreach and education, and innovative programs to assist and engage targeted populations in its region.
[10] TBP will focus on deployment- related activities such as engaging stakeholders in infrastructure planning and implementation.
[11] D.11-06-038, p. 15.
[12] Id. at pp. 33-34.

While the length of the CCBC program would be a deviation from D.11-06-038's three-year cap, its proposed budget of $264,500 is well under the yearly cap and the total grant cap of $450,000. CD staff agrees with CCBC that three years is required to update and extend its web based platform with the necessary data and analysis, and two additional years are needed to sustain the tool to support current and anticipated projects.

During the grant cycle, CCBC plans to enhance its cost effectiveness by continuing to leverage non-CASF resources, such as work of its management team, time spent by local government Public Works' staff for infrastructure standards development, as well as pro bono contributions of Internet Service Providers and economic development professionals on technical work groups. For these reasons, CD staff believes the budget is reasonable for the tasks proposed.

EBBC's budget request is $272,160 for three years. CD staff determined that the budget is reasonable for the tasks proposed.

TBP's budget request is $200,000 for two years. CD staff determined that the budget is reasonable for the tasks proposed.[13]

Regional Consortium's/Members Experience

CCBC and its members have experience with community groups and have demonstrated success in helping to achieve broadband deployment in the region. They have also had success in building regional, collaborative broadband related efforts. Members have direct experience with managing broadband services at worksites. Members work with culturally and linguistically diverse communities.

EBBC and its members have experience with community groups and have demonstrated success in helping to achieve internet access and adoption in the region for disadvantaged youth. EBBC and its members have had success in building regional, multi-party collaborative broadband-related efforts. Consortium members have direct experience with managing broadband services and working with culturally and linguistically diverse communities.

TBP members have experience working with community groups. Both the consortium and its members have demonstrated success in facilitating broadband deployment. TBP and its members have had success in building regional, multi-party collaborative

[13] The Tahoe Basin Project serves areas in California as well as Nevada. CASF must only pay for TBP activities supporting broadband development in California counties.

broadband-related efforts. They also have direct experience with managing broadband services and with culturally and linguistically diverse communities.

Regional Consortium Representation and Endorsements

CCBC representation includes local city and county agencies, educational institutions, industry and economic development interests, and community based organizations. CD received twelve endorsements from local government entities and businesses, economic development organizations, and academic institutions.

EBBC represents a variety of entities, including local governments, health care and educational entities, business and community-based organizations. Four endorsement letters from local and regional government entities, as well as an economic development organization were received.

TBP represents regional, city and county public entities as well as health, business, and educational stakeholders. CD received thirteen endorsements from local, regional and federal government entities, private businesses, academic institutions, and economic development organizations.

V. STAFF RECOMMENDATIONS FOR FUNDING

CD staff has determined that CCBC, EBBC, and TBP applications qualify for funding. They all scored at least 70 of 100 points with clear and detailed proposals. CD staff's evaluation of these proposals finds that they meet the requirements of D. 11-06-038, and support broadband deployment, access, and adoption. CD staff recommends approval of these proposals.

VI. COMPLIANCE REQUIREMENTS

CCBC, EBBC, and TBP are required to comply with all the guidelines, requirements, and conditions associated with the grant of CASF funds as specified in D.11-06-038. Such compliance includes, but is not limited to the following:

A. Execution and Performance

CD staff will coordinate start dates with each consortium grantee. The estimated start date is September 1, 2016. By receiving a CASF grant from the Commission, CCBC, EBBC, and TBP agrees to comply with the terms, conditions, and requirements of the grant and thus submits to the jurisdiction of the Commission with regard to disbursement and administration of the grant.

Should CCBC, EBBC, or TBP fail to complete the project in accordance with the terms of the CPUC approval as set forth in this resolution, CCBC, EBBC, or TBP must reimburse some or all of the CASF funds it has received. If CCBC, EBBC, or TBP fails to perform in good faith, or in accordance with the expectations set forth in its Action Plan, Work Plan and Consent Form, as affirmed in the affidavit, the Commission may withhold subsequent grant disbursement or suspend or terminate the Consortium grant, as warranted.

Any changes to the terms and conditions underlying the Commission approval of the Consortium grant must be communicated in writing to the Communications Director at least 30 days before the anticipated change, and may be subject to approval by either the Director or by Commission resolution before becoming effective.

B. Modification of Annual Summit Requirement

D.11-06-038 directed CD staff to schedule and host on at least an annual basis a Regional Consortia Learning Community Summit, and required all consortia receiving California Advanced Services Fund grants to attend the Summit. Staff recommends a modification to D.11-06-038 with respect to the annual Regional Consortia Learning Community Summit requirement. Specifically, given that most applicants have operated as consortia for three or four years, CD staff recommends that at least one summit during the grant implementation period be organized, replacing the annual summit requirement provided in D.11-06-038.[14] Since D.11-06-038 allocated up to $10,000 per consortium for summit attendance, modifying the summit requirement to at least one summit during the grant cycle would be a low-cost alternative for sharing information, and would improve the cost effectiveness of limited resources.

C. Fiscal Agent

D.11-036-038 requires:

> Each regional Consortium must retain at least one Fiscal Agent with lead responsibility and legal authority to represent the Consortium for purposes of sponsoring the application, and for administration of Consortium activities, including receipt and disbursement of Consortium grant funds. In any event, the Fiscal Agent must affirmatively agree, on behalf of the Consortium, to comply with the Commission's directives and conditions relating to the review,

[14] For example, the Summit could be held once every two years, or once every three or four years, depending on the length of grant implementation.

> approval, and administration of any Consortia application grants. This requirement is to provide assurance that Consortium members or contractors retained by the Consortium are capable and committed to delivering on the commitments to be funded.[15]

CD staff reviewed the applications and determined that all three applications meet this requirement. Specifically, for each application, the Fiscal Agent signed an affidavit, under penalty of perjury, that to the best of his or her knowledge, all statements and representations made in Consortium application are true and correct, and affirmed to fulfill the requirements of the CPUC with respect to grant administration.[16]

Each Fiscal Agent provided CD staff with a name of a qualified representative to carry out the duties and responsibilities described, and the Fiscal Agent will be the primary contact regarding the consortium's fiscal matters.

The Fiscal Agent shall comply with all rules and requirements set forth in D.11-06-038, including but not limited to ensuring implementation of the approved Work Plan within the allocated budget (in conjunction with the consortium program manager), and shall be responsible for notifying CD of any proposed changes to Work Plan or budget during the course of the grant cycle.

D.11.036-038 further requires each Consortia grantee to:

> …maintain books, records, documents and other evidence sufficient to substantiate expenditures covered by the grant, according to generally accepted accounting practices. Each Consortia grantee shall make these records available to the Commission upon request and agrees that these records are subject to a financial audit by the Commission at any time within three years after the Grantee incurred the expense being audited. A Consortia grantee shall provide access to the Commission upon 24 hours notice to evaluate work completed or being performed pursuant to the grant.[17]

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[15] D.11-06-038, p. 25
[16] The City of Watsonville, Fiscal Agent for CCBC, the Contra Costa Economic Partnership, Fiscal Agent for EBBC, and Tahoe Prosperity Center, Fiscal Agent for the TBP, have affirmed to fulfill the requirements of the CPUC with respect to grant administration.
[17] D.11-06-038, p. 29.

D. Distinguishing CASF from other Financial Resources

D.11-06-038 requires that the consortium take steps to ensure that that CASF grant budget does duplicate funding from other non-Consortia Account funding:[18] All grantees must ensure that *only* CASF-approved activities will be billed to the Consortia Account, and activities obligated to other funding resources will not be billed to the CASF Consortia Account.

Prior to initiation of Work Plan activities, the Fiscal Agents for CCBC, EBBC, and TBP must communicate to CD staff how they will ensure that billing to discrete funding sources does not overlap.

E. Payments

D.11-06-038 requires that submission of invoices from and payments to the grantees shall be made at quarterly intervals. Specifically, D.11-06-038 states:

> In order to receive a progress payment, the Consortium must first submit the Quarterly Progress Report to the Communications Division, together with all requests for payment and reimbursement supported by relevant invoices receipts, etc. … Further, the Quarterly Progress Report shall indicate the actual date of completion of each task/milestone as well as problems/issues encountered and the actions taken to resolve these problems/issues. The Quarterly Progress Report will be submitted and certified under penalty of perjury.[19]

Furthermore, documentation should substantiate the consortium's progress in following its proposed Action Plan, Work Plan, with the approved budget. Billing should only be for activities related to broadband deployment, access, and adoption.

F. Project Audit

The Commission's Communications Division has delegated authority to initiate any necessary audit, verification, and discovery of consortium members relating to grant funding activities to ensure that CASF funds are spent in accordance with Commission adopted rules and standards.[20]

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[18] Any proposed consortium budget must expressly exclude any costs for activities or programs within the consortia region that are separately funded from any other sources in order to ensure that California Advanced Services Fund (CASF) grants do not duplicate funding from any other sources. (D.11-06-038, Ordering Paragraph 11, p. 40.)

[19] D.11-06-038, p. 30.
[20] D.11-06-038, p. 29; see also P.U. Code § 270.

Grant recipient invoices and other relevant records will be subject to a financial audit by the Commission at any time within three years of completion of the grant funding.

G. Lobbying and Advocacy Efforts

Consortia members are free to advocate on any legislation of their choosing. However, no work on proposed state legislation, including meetings, travel, or lobbying may be billed to or reimbursed by the CASF Consortia Grant program.

H. Reporting

All grantees must submit quarterly progress reports on the status of the project irrespective of whether grantees request reimbursement or payment.[21] Quarterly progress reports must begin the first quarter after the Commission approval of the grant proposal. Quarterly reports are due December 1, 2016, March 1, 2017, June 1, 2017, and so on for the remainder of the grant period, irrespective of payment requests.

VII. SAFETY IMPACT

By furthering broadband deployment, access and adoption, these projects are expected to enhance public safety in the Central Coast, East Bay, and Tahoe Basin in the event of fire, flooding, and earthquakes.

VIII. COMMENTS

In compliance with P.U. Code Section 311(g)(1), a Notice of Availability was e-mailed on July 19, 2016, 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/. This letter also served to inform parties that the final conformed Resolution the Commission adopts will be posted and available at this same website.

CD did not receive any comments or reply comments on this resolution.

[21] Id at p. 30.

VIII. FINDINGS

1. On September 2, 2015, the Governor signed legislation (AB1262) that reallocated $5 million from the CASF Broadband Infrastructure Revolving Loan Account to the CASF Consortia Grant Account.

2. Fifteen prospective grantees filed applications on January 29, 2016. CD posted each applicant's name, contact information, and coverage area by county on the CPUC Consortia Account webpage on February 18. CCBC, EBBC, and TBP appear on this list.

   CD reviewed each of these three applications according to the guidelines, requirements, and evaluation criteria adopted in D.11-06-038, which include regional consortium representation and endorsements, regional consortium's/members' experience, action plans, work plans, and budgets. CD also evaluated the applications based on the merits of each proposal, past performance including achievements, fiscal responsibility and cost effectiveness. The remaining 12 applications will be considered for subsequent resolutions.

3. Based on its review, CD determined that all three projects meet eligibility requirements. CD further determined that the proposed projects qualify for funding under D.11-06-038.

4. CD recommends CASF consortia grant approval of total funding of $736,660 for the three consortia.

5. CCBC, EBBC, and TBP are required to comply with all guidelines, requirements, and conditions associated with the granting of CASF funds as specified in D.11-06-038 and this Resolution.

6. CCBC, EBBC, and TBP are required to expressly exclude any costs for activities or programs from the proposed consortium budget that are separately funded from any other sources in order to ensure that CASF grants do not duplicate funding from any other sources.

7. The Commission finds CD's recommendation that all three projects meet eligibility requirements and the proposed projects qualify for funding under D.11-06-038, to be reasonable and consistent with Commission orders and, therefore, adopts such recommendation.

8. The annual Consortia Learning Community Summit initiated by D.11-06-038 directs CD to schedule and host on at least an annual basis a Regional Consortia Learning Community Summit, and authorizes $2,000 per person for up to five delegates annually for each approved consortium. Based on its review, CD determined that reducing the frequency of the summit to at least one during the implementation of this grant cycle, allows funds to be spent more cost effectively.

9. CD recommends a modification to the annual summit requirement in D.11-06-038, authorizing CD to conduct at least one Regional Consortia Learning Summit during the implementation of the reallocated $5 million in order to make the most cost effective use of funds.

10. A notice was emailed on July 19, 2016, informing the parties of record in Decision 11-06-038 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. CD did not receive any comments or reply comments on this resolution.

THEREFORE, IT IS ORDERED THAT:

1. The Commission shall award $264,500 to the Central Coast Broadband Consortium; $272,160 to East Bay Broadband Consortium; and $200,000 to Tahoe Basin Project. All awards are based on the descriptions of the projects as described herein. Work plans are in the attached appendix.

2. Payments to the CASF recipients shall be in accordance with guidelines adopted in D.11-06-038 and in accordance with the process defined in the "Payments" section of this Resolution.

3. The Consortium must retain at least one Fiscal Agent with lead responsibility and legal authority to represent the Consortium for purposes of sponsoring the application, and or administration of Consortium activities, including receipt and disbursement of Consortium grant funds.

4. The Fiscal Agent must affirmatively agree, on behalf of the Consortium, to comply with the Commission's directives and conditions relating to the review, approval, and administration of any Consortia application grants.

5. CCBC, EBBC, and TBP shall comply with all guidelines, requirements and conditions associated with the CASF funds award as specified in D.11-06-038 and this Resolution.

6. Prior to commencement of the grantee's program, the Fiscal Agent must provide CD with the method chosen to distinguish funding sources and billing practices, to ensure that CASF payments are not duplicated by other sources.

7. The disbursement of funds shall be subject to the requirements set forth in D.11-06-038 including the submission of quarterly progress reports and supporting documentation for payment reimbursement, yearly status reports for informing the legislature, and a completion report to be submitted with the final payment request. By receiving a CASF grant from the Commission, the consortia agrees to comply with the terms, conditions, and requirements of the grant and thus submits to the jurisdiction of the Commission with regard to disbursement and administration of the grant.

8. The Consortia must use the grant funds solely for the approved project as described in the Consortia Commission-approved Action Plan and Work Plan, (or approved revisions to such Plans and budgets).

9. Any changes to the substantive terms and conditions underlying Commission approval of the grant (e.g., changes to Action Plan, Work Plan, budget or designated Fiscal Agent, etc.) must be communicated in writing to the Communications Division Director at least 30 days before the anticipated change, and may be subject to approval by either the Director or by Commission resolution before becoming effective.

10. The Commission may withhold or terminate grant payments if the consortium does not comply with any of the requirements set forth in Decision 11-06-038 and this Resolution.

11. In the event that the grantee fails to complete the project in accordance with the terms of approval granted by the Commission and this Resolution, the grantee, represented by the Fiscal Agent, will be required to reimburse some or all of the CASF funds that it has received.

12. The Commission adopts CD's modification to the annual Consortia Learning Summit initiated by D.11-06-038, which modifies the frequency of the summit, authorizing CD to conduct at least one Regional Consortia Learning Summit during the implementation of the reallocated $5 million, instead of an annual summit.

13. The commencement of the grant cycle will be September 1, 2016.

This Resolution is effective today.

I hereby certify that this Resolution was adopted by the Public Utilities Commission at its regular meeting on August 18, 2016. The following Commissioners approved it:

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TIMOTHY J. SULLIVAN
Executive Director

APPENDIX

APPENDIX A
Central Coast Broadband Consortium Work Plan

CCBC Work Plan
Year 1

Activities/Tasks	Who Manages	Start Date	Completion Date	Q1	Q2	Q3	Q4	Outcome or Deliverable
1. GIS analysis, update & support	Exec Team, COW							
Update Form 477 data		1-Sep-16	30-Nov-16	25 %	75 %			Integration/update of database with new Form 477 data
Gather & analyze conditional requirement data		1-Jul-16	30-Nov-16	75 %	25 %			Process for tracking Frontier, AT&T and Charter upgrades/programs required by CPUC/FCC
Gather & analyze CAF2,other data		1-Jul-16	30-Nov-16	75 %	25 %			Process for tracking Frontier and AT&T CAF-2 implementation requirements.
Update COW GIS database & maps		1-Oct-16	30-Mar-17		50 %	50 %		Updated maps and online database, including Form 477, conditional requirement and CAF-2 data.
Provide project/initiative-specific support		1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	Goal: 5 broadband infrastructure projects/initiatives per year
Grading, zoning & heat map analysis update		1-Jul-16	30-Nov-16	75 %	25 %			Updates to existing analytical methodologies for evaluating broadband infrastructure, gaps and project candidates.
2. Web platform maintenance & development	Exec Team, COW							

Map layer development		1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	On going development of new online map layers, integrating Task 1 work product.
Content maintenance		1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	On going development of new online content to supplement Task 1 work product.
3. Policy development & advocacy	Exec Team, TBD							
Standard specification development		1-Jul-16	31-Dec-16	50 %	30 %	10 %	10 %	Standard specifications for conduit, microtrenching, other broadband-related public works initiatives.
Approval of broadband policy package		1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	Broadband policy package approval by 3 counties, 85% cities
4. Outreach & project/initiative support	MCBC							
Conference calls, meetings, events		1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	2 conf calls/mo, 2-4 meetings/yr, admin
Coordination of support for regional projects		1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	Permit & review coord, support letters for regional broadband projects.
5. Fiscal agent support & oversight	COW	1-Jul-16	30-Jun-17	25 %	25 %	25 %	25 %	Billing, audit, administration

Work Plan Year 2

Activities/Tasks	Who Manages	Start Date	Completion Date	Q1	Q2	Q3	Q4	Outcome or Deliverable
1. GIS analysis, update & support	Exec Team, COW							
Update Form 477 data		1-Sep-17	30-Nov-17	25 %	75 %			Integration/update of database with new Form 477 data

Gather & analyze conditional requirement data		1-Jul-17	30-Nov-17	75 %	25 %			Process for tracking Frontier, AT&T and Charter upgrades/programs required by CPUC/FCC
Gather & analyze CAF2,other data		1-Jul-17	30-Nov-17	75 %	25 %			Process for tracking Frontier and AT&T CAF-2 implementation requirements.
Update COW GIS database & maps		1-Oct-17	30-Mar-18		50 %	50 %		Updated maps and online database, including Form 477, conditional requirement and CAF-2 data.
Provide project/initiative-specific support		1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	Goal: 5 broadband infrastructure projects/initiatives per year
2. Web platform maintenance & development	Exec Team, COW							
Map layer development		1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	On going development of new online map layers, integrating Task 1 work product.
Content maintenance		1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	On going development of new online content to supplement Task 1 work product.
Interface update		1-Jan-18	30-Jun-18			50 %	50 %	Updated/refreshed platform interface
Fiber survey		1-Jan-18	30-Jun-18			25 %	25 %	Three-county survey of fiber networks
3. Policy development & advocacy	Exec Team, TBD							
Standard specification development		1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	Expanded and revised specifications for conduit, microtrenchin

								g, other broadband-related public works initiatives.
Implementation of broadband policy package		1-Jul-17	30-Jun-18					Policy package implemented in 80% of jurisdictions
4. Outreach & project/initiative support	MCBC							
Conference calls, meetings, events		1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	2 conf calls/mo, 2-4 meetings/yr, admin
Coordination of support for regional projects		1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	Permit & review coord, support letters for regional broadband projects.
5. Fiscal agent support & oversight	COW	1-Jul-17	30-Jun-18	25 %	25 %	25 %	25 %	Billing, audit, administration

Work Plan Year 3

Activities/Tasks	Who Manages	Start Date	Completion Date	Q1	Q2	Q3	Q4	Outcome or Deliverable
1. GIS analysis, update & support	Exec Team, COW							
Update Form 477 data		1-Sep-18	30-Nov-18	25 %	75 %			Integration/update of database with new Form 477 data
Gather & analyze conditional requirement data		1-Jul-18	30-Nov-18	75 %	25 %			Process for tracking Frontier, AT&T and Charter upgrades/programs required by CPUC/FCC
Gather & analyze CAF2,other data		1-Jul-18	30-Nov-18	75 %	25 %			Process for tracking Frontier and AT&T CAF-2 implementation requirements.
Update COW GIS database & maps		1-Oct-18	30-Mar-19		50 %	50 %		Updated maps and online database, including Form 477, conditional requirement and CAF-2

								data.
Provide project/initiative-specific support		1-Jul-18	30-Jun-19	25 %	25 %	25 %	25 %	Goal: 5 broadband infrastructure projects/initiatives per year
2. Web platform maintenance & development	Exec Team, COW							
Map layer development		1-Jul-18	30-Jun-19	25 %	25 %	25 %	25 %	On going development of new online map layers, integrating Task 1 work product.
Content maintenance		1-Jul-18	30-Jun-19	25 %	25 %	25 %	25 %	On going development of new online content to supplement Task 1 work product.
Major data refresh		1-Jan-19	30-Jun-19			50 %	50 %	Review & overhaul/update of all platform data
Fiber survey		1-Jul-18	31-Dec-18	25 %	25 %			Three-county survey of fiber networks
4. Outreach & project/initiative support	MCBC							
Conference calls, meetings, events		1-Jul-18	30-Jun-19	25 %	25 %	25 %	25 %	2 conf calls/mo, 2-4 meetings/yr, admin
Coordination of support for regional projects		1-Jul-18	30-Jun-19	25 %	25 %	25 %	25 %	Permit & review coord, support letters for regional broadband projects.
5. Fiscal agent support & oversight	COW	1-Jul-18	30-Jun-19	25 %	25 %	25 %	25 %	Billing, audit, administration

Work Plan Year 4

Activities/Tasks	Who Manages	Start Date	Completion Date	Q1	Q2	Q3	Q4	Outcome or Deliverable
1. GIS analysis, update & support	Exec Team, COW							
Update Form 477 data		1-Sep-19	30-Nov-19	25 %	75 %			Integration/update of database with new Form 477 data

Gather & analyze conditional requirement data		1-Jul-19	30-Nov-19	75 %	25 %			Process for tracking Frontier, AT&T and Charter upgrades/programs required by CPUC/FCC
Gather & analyze CAF2,other data		1-Jul-19	30-Nov-19	75 %	25 %			Process for tracking Frontier and AT&T CAF-2 implementation requirements.
Update COW GIS database & maps		1-Oct-19	30-Mar-20		50 %	50 %		Updated maps and online database, including Form 477, conditional requirement and CAF-2 data.
Provide project/initiative-specific support		1-Jul-19	30-Jun-20	25 %	25 %	25 %	25 %	Goal: 5 broadband infrastructure projects/initiatives per year
2. Web platform maintenance & development	Exec Team, COW							
Map layer development		1-Jul-19	30-Jun-20	25 %	25 %	25 %	25 %	On going development of new layers
Content maintenance		1-Jul-19	30-Jun-20	25 %	25 %	25 %	25 %	On going updates of platform data
4. Outreach & project/initiative support	MCBC							
Conference calls, meetings, events		1-Jul-19	30-Jun-20	25 %	25 %	25 %	25 %	2 conf calls/mo, 2-4 meetings/yr, admin
Coordination of support for regional projects		1-Jul-19	30-Jun-20	25 %	25 %	25 %	25 %	Permit & review coord, support letters for regional broadband projects.
5. Fiscal agent support & oversight	COW	1-Jul-19	30-Jun-20	25 %	25 %	25 %	25 %	Billing, audit, administration

Work Plan Year 5

Activities/Tasks	Who Manages	Start Date	Completion Date	Q1	Q2	Q3	Q4	Outcome or Deliverable
1. GIS analysis, update & support	Exec Team, COW							

Update Form 477 data		1-Sep-20	30-Nov-20	25 %	75 %			Integration/update of database with new Form 477 data
Gather & analyze conditional requirement data		1-Jul-20	30-Nov-20	75 %	25 %			Process for tracking Frontier, AT&T and Charter upgrades/programs required by CPUC/FCC
Gather & analyze CAF2,other data		1-Jul-20	30-Nov-20	75 %	25 %			Process for tracking Frontier and AT&T CAF-2 implementation requirements.
Update COW GIS database & maps		1-Oct-20	30-Mar-21		50 %	50 %		Updated maps and online database, including Form 477, conditional requirement and CAF-2 data.
Provide project/initiative-specific support		1-Jul-20	30-Jun-21	25 %	25 %	25 %	25 %	Goal: 5 broadband infrastructure projects/initiatives per year
Grading, zoning & heat map analysis update		1-Jul-20	30-Nov-20	75 %	25 %			Updates to existing analytical methodologies for evaluating broadband infrastructure, gaps and project candidates.
2. Web platform maintenance & development	Exec Team, COW							

Map layer development		1-Jul-20	30-Jun-21	25%	25%	25%	25%	On going development of new layers
Content maintenance		1-Jul-20	30-Jun-21	25%	25%	25%	25%	On going updates of platform data
4. Outreach & project/initiative support	MCBC							
Conference calls, meetings, events		1-Jul-20	30-Jun-21	25%	25%	25%	25%	2 conf calls/mo, 2-4 meetings/yr, admin
Coordination of support for regional projects		1-Jul-20	30-Jun-21	25%	25%	25%	25%	Permit & review coord, support letters for regional broadband projects.
5. Fiscal agent support & oversight	COW	1-Jul-20	30-Jun-21	25%	25%	25%	25%	Billing, audit, administration

End Appendix A

APPENDIX B
East Bay Broadband Consortium Work Plan

East Bay Broadband Consortium								
Work Plan Year 1*								
Activities/Tasks	**Who Manages**	**Start Date**	**Completion Date**	**Q1**	**Q2**	**Q3**	**Q4**	**Outcome or Deliverable**
1) Access								
Oversee Current Computer Donations	Consultant	Apr-16	Mar-17	X	X	X	X	2,000 computers donated
Pursue New Computer Sources	Consultant	Apr-16	Mar-17	X	X	X	X	Computers donated
Promote Digital Inclusion Solution	Consultant	Apr-16	Mar-17	X	X	X	X	Promotion accomplished
Join with OTX to Present Tech Fairs	Consultant	Apr-16	Mar-17	X	X	X	X	Tech Fairs presented
Join with OTX to Distribute Computers	Consultant	Apr-16	Mar-17	X	X	X	X	2,000 free computers/tech/train
2) Adoption								
Recruit TechEquity Collab'tive Members	Ste.Com./Cons	Apr-16	Mar-17	X	X	X	X	Tech/Equity members recruited
Hold Semi-Annual TechEquity Meetings	Ste.Com./Cons	Jul-16	Mar-17		X		X	Meetings held
Co-Sponsor TechEquity Week	Ste.Com./Cons	Jan-17	Mar-17			X	X	Successful T/E Week held
Publish TechEquity Directory	Consultant	Oct-15	Apr-16	X				Directory Published
TechEd NonProfits in Neigh'hood Venues	Consultant	Apr-16	Mar-17	X	X	X	X	Neigh'hood venues utilized
Formulate T/E Charter - Encour. Signing	Consultant	Apr-16	Mar-17	X	X	X	X	Charters signed
Participate in Other Collaboratives	Ste.Com./Cons	Apr-16	Mar-17	X	X	X	X	Other collab'tives participated in
3) Mobilization								
Plan Year 1 Summit	Ste.Com./Cons	Jul-16	Oct-16			X	X	Plans complete
Present year 1 Summit	Ste.Com./Cons	Oct-16	Oct-16				X	Summit Presented
4) Project Management								
Hold 1-3 Steering Com. Meet. Per Q	Ste.Com./Cons	Apr-16	Mar-17	X	X	X	X	Steering Com. Meetings Held
Oversee Financial Administration	Steering Com.	Apr-16	Mar-17	X	X	X	X	Effective financial management
Report to CPUC	Ste.Com./Cons	Apr-16	Mar-17	X	X	X	X	Reports made
Assumptions								
* EBBC 3 year Grant Will Commence 04/2016								

East Bay Broadband Consortium								
Work Plan Year 2*								
Activities/Tasks	Who Manages	Start Date	Completion Date	Q1	Q2	Q3	Q4	Outcome or Deliverable
1) Access								
Oversee Current Computer Donations	Consultant	Apr-17	Mar-18	X	X	X	X	2,000 computers donated
Pursue New Computer Sources	Consultant	Apr-17	Mar-18	X	X	X	X	Computers donated
Promote Digital Inclusion Solution	Consultant	Apr-17	Mar-18	X	X	X	X	Promotion accomplished
Join with OTX to Present Tech Fairs	Consultant	Apr-17	Mar-18	X	X	X	X	Tech Fairs presented
Join with OTX to Distribute Computers	Consultant	Apr-17	Mar-18	X	X	X	X	2,000 free computers/tech/train
2) Adoption								
Recruit TechEquity Collab'tive Members	Ste.Com./Cons	Apr-17	Mar-18	X	X	X	X	Tech/Equity members recruited
Hold Semi-Annual TechEquity Meetings	Ste.Com./Cons	Jul-17	Mar-18		X		X	Meetings held
Co-Sponsor TechEquity Week	Ste.Com./Cons	Jan-19	Mar-19			X	X	Successful T/E Week held
Revise TechEquity Directory	Consultant	Apr-17	Mar-18	X	X	X	X	Directory revised
TechEd NonProfits in Neigh'hood Venues	Consultant	Apr-17	Mar-18	X	X	X	X	Neigh'hood venues utilized
Encourage Signing T/E Charter - Encour. S	Consultant	Apr-17	Mar-18	X	X	X	X	Charters signed
Participate in Other Collaboratives	Ste.Com./Cons	Apr-17	Mar-18	X	X	X	X	Other collab'tives participated in
3) Mobilization								
Plan Year 1 Summit	Ste.Com./Cons	Jul-17	Oct-17			X	X	Plans complete
Present year 1 Summit	Ste.Com./Cons	Oct-17	Oct-17				X	Summit Presented
4) Project Management								
Hold 1-3 Steering Com. Meet. Per Q	Ste.Com./Cons	Apr-17	Mar-18	X	X	X	X	Steering Com. Meetings Held
Oversee Financial Administration	Steering Com.	Apr-17	Mar-18	X	X	X	X	Effective financial management
Report to CPUC	Ste.Com./Cons	Apr-17	Mar-18	X	X	X	X	Reports made
Assumptions								
* EBBC Grant Will Commence 04/2016								

East Bay Broadband Consortium								
Work Plan Year 3*								
Activities/Tasks	**Who Manages**	**Start Date**	**Completion Date**	**Q1**	**Q2**	**Q3**	**Q4**	**Outcome or Deliverable**
1) Deployment								
Activities not included in this Workplan								Non-CASF funding to be sought
2) Access								
Oversee Current Computer Donations	Consultant	Apr-18	Mar-19	X	X	X	X	2,000 computers donated
Pursue New Computer Sources	Consultant	Apr-18	Mar-19	X	X	X	X	Computers donated
Promote Digital Inclusion Solution	Consultant	Apr-18	Mar-19	X	X	X	X	Promotion accomplished
Join with OTX to Present Tech Fairs	Consultant	Apr-18	Mar-19	X	X	X	X	Tech Fairs presented
Join with OTX to Distribute Computers	Consultant	Apr-18	Mar-19	X	X	X	X	2,000 free computers/tech/train
3) Adoption								
Recruit TechEquity Collab'tive Members	Ste.Com./Cons	Apr-18	Mar-19	X	X	X	X	Tech/Equity members recruited
Hold Semi-Annual TechEquity Meetings	Ste.Com./Cons	Jul-18	Mar-19		X		X	Meetings held
Co-Sponsor TechEquity Week	Ste.Com./Cons	Jan-19	Mar-19			X	X	Successful T/E Week held
Revise TechEquity Directory	Consultant	Apr-18	Mar-19	X	X	X	X	Directory revised
TechEd NonProfits in Neigh'hood Venues	Consultant	Apr-18	Mar-19	X	X	X	X	Neigh'hood venues utilized
Encourage Signing T/E Charter - Encour. S	Consultant	Apr-18	Mar-19	X	X	X	X	Charters signed
Participate in Other Collaboratives	Ste.Com./Cons	Apr-18	Mar-19	X	X	X	X	Other collab'tives participated in
4) Mobilization								
Plan Year 3 Summit	Ste.Com./Cons	Jul-18	Oct-18			X	X	Plans complete
Present Year 3 Summit	Ste.Com./Cons	Oct-18	Oct-18				X	Summit Presented
5) Project Management								
Hold 1-3 Steering Com. Meet. Per Q	Ste.Com./Cons	Apr-18	Mar-19	X	X	X	X	Steering Com. Meetings Held
Oversee Financial Administration	Steering Com.	Apr-18	Mar-19	X	X	X	X	Effective financial management
Report to CPUC	Ste.Com./Cons	Apr-18	Mar-19	X	X	X	X	Reports made
Assumptions								
* EBBC 3 Year Grant Will Commence 04/2016								

End Appendix B

APPENDIX C
Tahoe Basin Project Work Plan

Tahoe Prosperity Center
Tahoe Basin Project - Work Plan Years 1 & 2

Key - Task and Project Responsibilities

Project Manager	
Broadband development consultant	
GIS analyst	
Civil Engineer	

Tahoe Basin Project Activities	Year 1				Year 2				Deliverables and Performance Measures
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Activity 1: Broadband Infrastructure Expansion - Last Mile									
Activity 1a – Continue to work with the CPUC staff, if needed, to research and respond to open questions on first two CASF applications									TBP is a resource to the CPUC while it conducts its evaluation of the currently submitted CASF Infrastructure grants
Activity 1b – continue to actively pursue solutions for delivering high speed internet services to Meeks Bay/Rubicon and Kingswood West.									
a. Identify solutions and recruit a partner for two Kingswood West and Rubicon/Meeks Bay.									An ISP is recruited for each of the two un/underserved areas: Rubicon/Meeks Bay and Kingswood West
b. Support the application process if CASF Infrastructure funding is sought									Two CASF Infrastructure Grants are submitted to the CPUC, or another source of funding is secured.
c. Support application through the CPUC evaluation process									TBP is a resource to the CPUC while it conducts its evaluation of any submitted CASF Infrastructure grants
Activity 1c - continue to explore potential solutions for other un/underserved neighborhoods, as time and opportunities permit									No specific deliverable, just an effort to address other un/undeserved neighborhoods, as time and opportunities permit
Activity 2: Facilitate Improved Middle Mile Services									
Activity 2a – Facilitate the development and adoption of an Universal Dig Once Policy for the Lake Tahoe Basin									
a Convene all relevant stakeholders for initial input and discussion on a Dig Once Policy									Representation from all the relevant jurisdictions and agencies are invited and the majority attend a Dig Once Summit
b Form subcommittee to take input from meeting participants and create a first draft policy									Subcommittee is formed during the Summit and a draft policy is created for the group to review, including input on "typicals" from the Civil Engineer
c Reconvene larger group to gain final input									Input is taken and consensus reached on a final draft policy by the larger group
d Finalize policy and work with each entity to get policy adopted within their organization									TBP Project Manager, assisted by the BB consultant when needed, works with each participant organization to get the Dig Once Policy adopted

e	Explore the possibility of having the Tahoe Regional Planning Agency be the implementer of the policy through their permitting process.									Work with the TRPA Executive Director to determine if the TRPA can be the implementer of the Dig Once Policy.
Activity 2b – Inventory and map all upcoming infrastructure projects and evaluate their potential for undergrounding utilities and conduit placement										
a	Work with the same Dig Once organizations to determine the future infrastructure projects currently or soon to be in the pipeline									List of all known bike, road and other infrastructure projects are inventoried
b	Map the projects and analyze them for the potential to underground utilities and/or place conduit for the open access fiber ring									Mapping of all projects is complete and prioritization of projects most conducive to undergrounding utilities and middle mile open access conduit is determined
Activity 2c – Work with lead agencies on implementing the Dig Once Policy for those projects determined conducive to undergrounding utilities and placement of conduit										As soon as infrastructure projects are identified in 2b above, work with lead agency to put Dig Once into affect.
Activity 3: Facilitate Expansion of Cell Service										
a	Facilitate the completion of the feasibility analysis by the USFS and other public landowners									Work with all Cell/Tower Companies and public land owners to finalize the analysis and come to determination for each request cell site
b	Report out results individually to Cell/Tower companies									Each Cell/Tower Company will apprised of the results of the analysis and the options available to them.
c	Facilitate co-location discussion with the Cell/Tower companies to determine process for deciding the lead agency for each authorized communication site									Process will be developed and lead agencies decided for each communication site identified by the USFS.
d	Host "Navigating the Permit Process" industry meeting									An Industry Meeting is hosted by the TPC for the USFS and TRPA to give a tutorial on the best practices for Navigating the Permit Process
Activity 4: TPC Oversight and administration										

End Appendix C