

**PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

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

**RESOLUTION T-17538  
November 10, 2016**

**R E S O L U T I O N**

**RESOLUTION T-17538: Approval of funding for the Rural and Regional Consortia grant applications of the Gold Country Broadband Consortium, the Inland Empire Regional Broadband Consortium, and the Connected Capital Area Broadband Consortium in the amount of \$898,750.**

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**I. SUMMARY**

This Resolution approves grant funding in the amount of \$898,750 from the California Advanced Services Fund (CASF) Rural and Regional Urban Consortia Account (Consortia Account) for the grant applications of the Gold Country Broadband Consortium (GCBC), the Inland Empire Regional Broadband Consortium (IERBC), and the Connected Capital Area Broadband Consortium (CCABC). These three projects will further broadband deployment, access and/or adoption in their regions.

By furthering broadband deployment, access and adoption, these projects are expected to enhance public safety in Gold Country, Inland Empire, and the Capital Area in the event of fire, flooding, and earthquakes.

**II. BACKGROUND**

On September 2, 2015, the Governor signed Assembly Bill (AB) 1262 (Wood, Chapter 242, Statutes of 2015) that reallocated \$5 million from the CASF Broadband Infrastructure Revolving Loan Account to the CASF Consortia Account, thus making additional 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, GCBC, IERBC, and CCABC submitted grant applications for CASF Consortia funding.<sup>1</sup>

#### *Applicants:*

**GCBC** represents Sierra, Nevada, Placer, El Dorado, as well as a part of Alpine counties. GCBC was approved for a \$450,000 Consortia Account grant in February 2012 (Resolution T- 17355). The fourth year extension of the program ended in February 2016. GCBC's prior consortia grant-funded activities included: supporting and assisting in developing infrastructure projects with internet service providers, working to obtain source funding for internet service providers that will subsidize project construction, and facilitating broadband service adoption in the region's communities.<sup>2</sup>

**IERBC** was created as a collaborative regional network in the counties of Riverside and San Bernardino. In February 2012, IERBC received a \$450,000 three-year grant from the Consortia Account for activities including developing a broadband infrastructure and access plan that prioritized needs, identified viable projects, obtained investment and grant funding, and established community support through outreach and education. IERBC was granted a one-year time extension, which ended in February 2016.<sup>3</sup>

**CCABC** serves the four-county Capital Area including Sacramento, Sutter, Yolo and Yuba counties. In February 2012, CCABC received a \$448,301 three-year grant from the Consortia account<sup>4</sup> to create a strategic plan for broadband infrastructure priority investments aimed at increasing access, and to increase utilization and adoption of broadband with non-users. CCABC also used the funding to meet with state agencies to increase awareness and understanding among policy makers of the importance of broadband access for economic development for the regions and to establish partnership of organizations committed to the region. They worked to share knowledge and leverage strengths. The 2012 grant ended in March 2015.<sup>5</sup>

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<sup>1</sup> Fifteen applications were submitted by January 29, 2016.

<sup>2</sup> Approximately \$449,000 in total expenditures has been requested/paid apart from summit expenses.

<sup>3</sup> Approximately \$450,000 in total expenditures has been requested/paid apart from summit expenses.

<sup>4</sup> See Resolution T-17355.

<sup>5</sup> Approximately \$431,462 in total expenditures has been requested/paid apart from summit expenses.

*Proposals*

**GCBC** requests \$300,000 for a two-year program<sup>6</sup> in order to pursue grant-related activities. Specifically, GCBC proposes to focus on exploring new unserved and underserved opportunities. GCBC wishes to continue their mapping project and help promote the availability of new services and new planned projects. In addition, GCBC proposes to continue its effort to increase the region's adoption rates by concentrating on identifying opportunities for middle and last mile internet service providers to leverage CASF funding to extend Broadband Internet services to mostly rural and remote region residents.

**IERBC** requests \$300,000 for a two-year program<sup>7</sup> for activities focused on infrastructure access and setting priorities for the region. IERBC proposes to implement their Broadband Plan by addressing technology and engineering issues related to broadband deployment, adoption, and providing outreach in Riverside and San Bernardino Counties. IERBC proposes to collaborate with the Inland Empire Economic Partnership to develop and implement "Smart Region and Community" policies and programs in the Inland Empire.

**CCABC** requests \$298,750<sup>8</sup> for a two-year program to continue its long-term vision towards Complete Digital Inclusion.<sup>9</sup> CCABC proposes to continue its efforts in assisting with implementation of broadband infrastructure plans for priority investment;<sup>10</sup> promoting broadband deployment and availability;<sup>11</sup> promoting access and adoption by convening service providers, local governments and community-based organizations to identify service options in the areas and collaborate on community education and outreach; and increasing the rate of broadband adoption by working

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<sup>6</sup> GCBC requests funding of \$150,000 for Year 1 and \$150,000 for Year 2.

<sup>7</sup> IERBC requests funding of \$150,000 for Year 1 and \$150,000 for Year 2.

<sup>8</sup> CCABC requests funding of \$149,745 for Year 1 and \$149,005 for Year 2.

<sup>9</sup> Broadband that is available, accessible, and affordable to every home, business and community; services and applications that are high quality; and adoption that increases as users become familiar and comfortable with technologies and the benefits associated with access and use.

<sup>10</sup> Activities include facilitating mapping exercises by using more refined mapping and analytic tools including the CPUC's CalSPEED app for mobile phones; and identifying a core set of priority projects.

<sup>11</sup> Activities include capturing truth speed testing results, and developing broadband score toolkits providing an in-depth customized assessment of the infrastructure capacity and status of infrastructure and service, for wireline and wireless services. CCABC will use the findings to engage service providers and funders, and to work with state and federal agency to advance policy changes and funding for regional priorities.

with anchor institutions to become community broadband access points and working with service providers to provide low-cost Internet services for residents.

#### **IV. NOTICES**

On February 18, 2016, CD posted a list of applications received on the Commission's CASF Consortia Account webpage,<sup>12</sup> and sent email notices regarding the proposed projects to its CASF Distribution List.

#### **V. PROJECT REVIEW**

##### **A. Project Eligibility**

GCBC, IERBC, and CCABC 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*

##### **GCBC**

GCBC's accomplishments in the last four years have included: assisting internet service providers (ISPs) with development and funding applications, providing project management support for ongoing CPUC mapping updates, and aligning its priorities with economically disadvantaged communities needing to promote business and job growth. In addition, GCBC has assisted with two grant proposals from Cal.Net.<sup>13</sup>

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<sup>12</sup> <http://www.cpuc.ca.gov/General.aspx?id=908>.

<sup>13</sup> El Dorado North Project and El Dorado South and East Project.

## **IERBC**

IERBC has successfully initiated and performed outreach about the digital divide and the need for more broadband in their region. IERB has supported numerous CASF grant applications, including four approved projects that will serve approximately 9,000 residents<sup>14</sup>, as well as 24 CASF Public Housing Broadband Infrastructure Grants that will serve over 1,000 residents in the region. IERBC has also established a “Priority List of Actions” for Broadband advocacy efforts related to education, job growth, healthcare and community-based organizations. The plan also addresses policies that need to be implemented so that broadband will be addressed in all projects whether public or private in San Bernardino and Riverside counties.

## **CCABC**

CCABC’s accomplishments from 2012-2015 included, but not limited to, compiling an inventory of adoption and digital literacy assets in the region and developing a prioritized list of infrastructure development opportunities; creating the Wireless Broadband and You<sup>15</sup> and a first-ever tri-fold broadband multi-lingual resource document<sup>16</sup> for education and outreach in Yuba, Sutter, and Sacramento counties; issuing a research report, Broadband as a Green Strategy: Understanding how the Internet can shrink our Carbon Footprint;<sup>17</sup> assisting in the planning and facilitation of the Yolo Broadband Strategic Plan;<sup>18</sup> hosting a two-day Local Government Officials Roundtable;<sup>19</sup> and producing a widely distributed newsletter called e-Connect engaging more than 1,000 key stakeholders on issues such as grants for broadband infrastructure and rural county connectivity.

During the previous grant cycle, the Fiscal Agents for ESC, IERBC, and CCABC filed appropriate documentation with reimbursement requests, and fulfilled other consortium-related responsibilities.

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<sup>14</sup> Anza Electric Cooperative’s “Connect Anza” Project, UIA’s Helendale Project, UIA’s Wrightwood Project, and Race Communication’s Gigafy Backus Project.

<sup>15</sup> A fact sheet helping community members, business owners, and local governments to better understand wireless Internet, cell towers and the science behind mobile broadband.

<sup>16</sup> A total of eight tri-folds, four in English and four in Spanish, were developed identifying internet resources in the regions.

<sup>17</sup> [http://valleyvision.org/sites/files/pdf/summary\\_report\\_1.5.1.pdf](http://valleyvision.org/sites/files/pdf/summary_report_1.5.1.pdf).

<sup>18</sup> <http://www.yolocounty.org/general-government/yolo-lafco/shared-services-initiative/yolo-broadband>.

<sup>19</sup> The goal of the Roundtable was to engage a critical mass of key Local Government Officials throughout California to become active champions in closing the Digital Divide.

### *Work Plan*

**GCBC'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, GCBC plans to establish and maintain relations with the Public School District Leadership to help enhance school broadband access that will ensure Common Corte testing requirements. GCBC will also provide technical assistance to acquire necessary capital for Internet Service Providers.

**IERBC's** Work Plan contains discrete, clear tasks and deliverables, with acceptable timelines for completion (see Appendix B). Activities itemized in the Work Plan are consistent with the Action Plan. For example, IERBC will partner with the Inland Empire Economic Partnership to implement "Smart Region and Community Policies and Programs" to assist with local businesses.

**CCABC's** Work Plan contains discrete, clear tasks and deliverables, with acceptable timelines for completion (see Appendix C). Activities itemized in the Work Plan are consistent with the Action Plan. For example, to increase the rate of broadband adoption, in addition to working with anchor institutions and service providers, CCABC will also work with local agencies to facilitate applications for public housing grants and broadband infrastructure grants.

### *Action Plan*

**GCBC** provided a clear Action Plan consistent with program requirements defined in D.11-06-038. GCBC proposes to provide technical assistance to ISP's and communities currently developing plans to resolve specific unserved and underserved situations, and continue their mapping project. These are consistent with the "core responsibilities" outlined in D.11-06-038.

**IERBC** provided a clear Action Plan consistent with program requirements defined in D.11-06-038. In its Action Plan, IERBC proposes to promote the Inland Empire Broadband Plan, and to continue collaborating with city managers, engineers and planners to implement these initiatives. These are consistent with the "core responsibilities" outlined in D.11-06-038.

**CCABC** provided a clear Action Plan consistent with program requirements defined in D.11-06-038. For example, CCABC proposes to increase sustainability of broadband infrastructure and projects by generating a report card (using data collected in the broadband score toolkits) grading each jurisdiction on levels of service for household

and a star rating system for industrial and commercial areas is consistent with the “core responsibilities” outlined in D.11-06-038.

### *Budget*

**GCBC’s** budget request of \$300,000 covers a two-year period. CD staff determined that the budget is reasonable for the tasks proposed and should be adopted.

**IERBC’s** budget request of \$300,000 covers a two-year period. CD staff determined that the budget is reasonable for the tasks proposed and should be adopted.

**CCABC’s** budget request of \$298,750 covers a two-year period. CD staff determined that the budget is reasonable for the tasks proposed and should be adopted.

### *Regional Consortium’s/Members Experience*

**GCBC** and its members have experience with community groups and have had past 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 have worked with a culturally and linguistically diverse community.

**IERBC’s** members have direct experience with broadband deployment and adoption efforts. 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.

**CCABC’s** membership includes a wide array of organizations,<sup>20</sup> which have experience with broadband deployment and adoption efforts. Member organizations also have experience in serving culturally and linguistically diverse communities.

### *Regional Consortium Representation and Endorsements*

**GCBC** representation includes local city and counties who have formed a Joint Powers Agreement Agency to work on issues of regional importance. Elected officials from Placer, El Dorado, and Nevada counties act as the current Consortium oversight committee, which is also the SEDCorp Board of Directors.<sup>21</sup> CD received seven

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<sup>20</sup> See Regional Consortium Representation and Endorsements on page 8 of this Resolution.

<sup>21</sup> Eastern Alpine and Sierra County are founding members of the GCBC; they are still members of the Consortium, but are not currently in the Consortium oversight committee.

endorsements from local governments, and six endorsements from business representatives, a school Dean, and an Internet Service Provider.

**IERBC** representation includes city and county agencies, and regional rural and economic development interests. CD received twenty-two endorsements from local governments, a tribal entity, an economic development organization, and academic institutions.

**CCABC** representation includes government entities, congressional representatives, service providers, rural and economic development corporations, housing and redevelopment agencies, local educational agencies and institutions of higher education, libraries, health organizations, community-based and nonprofit organizations, and accessibility advocates. CD received twenty-nine endorsements from Congressmen, City Councilmembers, government entities, economic development corporation, service providers, and public and nonprofit organizations.

## **VI. STAFF RECOMMENDATIONS FOR FUNDING**

CD staff has determined that GCBC, IERBC, and CCABC 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.

## **VII. COMPLIANCE REQUIREMENTS**

GCBC, IERBC, and CCABC 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 December 1, 2016. By receiving a CASF grant from the Commission, GCBC, IERBC, and CCABC agree 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.

Should GCBC, IERBC, or CCABC fail to complete the project in accordance with the terms of the CPUC approval as set forth in this resolution, GCBC, IERBC, or CCABC

must reimburse some or all of the CASF funds it has received. If GCBC, IERBC, or CCABC 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 substantive 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. 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. D.11-06-038 allocated up to \$10,000 per consortium for summit attendance. In Resolution T-17529, the Commission modified this requirement so that at least one summit during the grant implementation period will be organized.<sup>22</sup>

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, 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.<sup>23</sup>

CD staff reviewed the applications and determined that all three applications meet this requirement. Specifically, for each application, the Fiscal Agent signed an affidavit,

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<sup>22</sup> Resolution T-17529, dated August 18, 2016.

<sup>23</sup> D.11-06-038, p. 25.

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.<sup>24</sup>

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.<sup>25</sup>

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 not duplicate funding from other non-Consortia Account funding.<sup>26</sup> 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.

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<sup>24</sup> SEDCorp, Fiscal Agent for GCBC, SmartRiverside, Fiscal Agent for IERBC, and Valley Vision Incorporated, Fiscal Agent for the CCABC, have agreed to comply with the CPUC's grant administration requirements.

<sup>25</sup> D.11-06-038, p. 29.

<sup>26</sup> D.11-06-038, Ordering Paragraph 11, p. 40, "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."

Prior to initiation of Work Plan activities, the Fiscal Agents for GCBC, IERBC, and CCABC 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.<sup>27</sup>

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 and enforce 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.<sup>28</sup>

GCBC, IERBC, and CCABC's invoices and other relevant records will be subject to a financial audit by the Commission or its designee 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.

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<sup>27</sup> D.11-06-038, p. 30.

<sup>28</sup> D.11-06-038, p. 29; see also P.U. Code § 270.

#### H. Reporting

All grantees must submit quarterly progress reports on the status of the project irrespective of whether grantees request reimbursement or payment.<sup>29</sup> Quarterly progress reports must begin the first quarter after the Commission approval of the grant proposal. Quarterly reports are due February 1, 2017, May 1, 2017, August 1, 2017, and so on for the remainder of the grant period, irrespective of payment requests.

### VIII. SAFETY IMPACT

By furthering broadband deployment, access and adoption, these projects are expected to enhance public safety in Gold Country, Inland Empire, and the Capital Area in the event of fire, flooding, or earthquakes.

### IX. COMMENTS

In compliance with P.U. Code Section 311(g)(1), a Notice of Availability was e-mailed on October 7, 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.

### X. 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. GCBC, IERBC, and CCABC 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

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<sup>29</sup> Id at p. 30.

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 six applications are pending staff review.

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 \$898,750 for the three consortia.
5. GCBC, IERBC, and CCABC 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. GCBC, IERBC, and CCABC 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. D.11-06-038 directs CD to schedule and host a Regional Consortia Learning Community Summit, and authorizes \$2,000 per person for up to five delegates annually for each approved consortium. Resolution T-17529, adopted on August 18, 2016 modified this requirement so that at least one summit during the grant implementation period will be organized.
9. A notice was emailed on October 7, 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 conformed Resolution adopted by the Commission will be posted and available at this same website.

**THEREFORE, IT IS ORDERED THAT:**

1. The Commission shall award \$300,000 to the Gold Country Broadband Consortium (GCBC); \$300,000 to Inland Empire Regional Broadband Consortium (IERBC); and \$298,750 to Connected Capital Area Broadband Consortium (CCABC). 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. GCBC, IERBC, and CCABC each 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. GCBC, IERBC, and CCABC 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, GCBC, IERBC, and CCABC agree 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.
8. GCBC, IERBC, and CCABC 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 to GCBC, IERBC, or CCABC 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 GCBC, IERBC, or CCABC fails to complete the project in accordance with the terms of approval granted by the Commission and this Resolution, the consortium, represented by the Fiscal Agent, will be required to reimburse some or all of the CASF funds that it has received.
12. The commencement of the grant cycle will be December 1, 2016.

I hereby certify that this Resolution was adopted by the Public Utilities Commission at its regular meeting on November 10, 2016. The following Commissioners approved it:

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TIMOTHY J. SULLIVAN  
Executive Director

## **APPENDIX**

## APPENDIX A

### Gold Country Broadband Consortium Work Plan

| Specific Activities                                                                                                                           | General Supportive Tasks                                                                                                                                                                                                                                                    | Who Manages                   | Year 1 |    |    |    | Year 2 |    |    |    | Planned Outcomes or Deliverables                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------|----|----|----|--------|----|----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                               |                                                                                                                                                                                                                                                                             |                               | Q1     | Q2 | Q3 | Q4 | Q1     | Q2 | Q3 | Q4 |                                                                                                                                                                                                                                                                                 |
| Partnering with Incumbent Internet Service Providers (ISP's)                                                                                  |                                                                                                                                                                                                                                                                             |                               |        |    |    |    |        |    |    |    |                                                                                                                                                                                                                                                                                 |
| Understand unserved and underserved opportunities                                                                                             | Regularly meet with ISP liaisons and exchange information by way of face-to-face meetings, telephone and Internet based communication (e.g email, GCBC website and blogging).                                                                                               | Lead & Consultant             |        | x  | x  | x  | x      | x  | x  | x  | Validate customer Broadband speeds                                                                                                                                                                                                                                              |
| Support expansion plans and development of grant proposals                                                                                    |                                                                                                                                                                                                                                                                             | Consultant                    |        | x  | x  | x  | x      | x  | x  | x  | Identify "hill top" wireless ISP relay station possibilities                                                                                                                                                                                                                    |
| Provide technical assistance to acquire necessary capital                                                                                     |                                                                                                                                                                                                                                                                             | Lead                          | x      | x  | x  | x  | x      | x  | x  | x  | Provide, as needed, ISP CPUC CASF grant writing training, customer speed test information and grant writing editing service                                                                                                                                                     |
|                                                                                                                                               |                                                                                                                                                                                                                                                                             |                               | x      | x  | x  | x  | x      | x  | x  | x  | Recommend Small Business Capital Readiness seminars, access to capital advice and counsel, and promote commercial and alternative small business lending capital                                                                                                                |
| Promote and encourage adoption of existing, upgraded and planned future Broadband local services                                              |                                                                                                                                                                                                                                                                             | Lead, Consultant & Operations | x      | x  | x  | x  | x      | x  | x  | x  | Host community Broadband Workshops & Trade Shows, market ISP program collateral                                                                                                                                                                                                 |
| Partnering with Community Economic Development Staff                                                                                          |                                                                                                                                                                                                                                                                             |                               |        |    |    |    |        |    |    |    |                                                                                                                                                                                                                                                                                 |
| Promote the importance of Broadband as it relates to economic development                                                                     | Actively participate in community economic development committees and commission meetings, and provide community Economic Development Staff support by way of occassional face-to-face, telephone and Internet based communication (e.g. email, GCBC website and blogging). | Lead                          | x      | x  | x  | x  | x      | x  | x  | x  | Routinely provide and represent public comment at Committee and Commission meetings. Join Committees & Commissions in order to influence strategy. Introduce ISP leadership. And, initiate Internet Hub Strategy to remote communities such as Eastern Alpine and Sierra County |
| Communicate the current local community "Digital Divide" status, and necessary closure opportunities                                          |                                                                                                                                                                                                                                                                             | Consultant                    | x      | x  | x  | x  | x      | x  | x  | x  | Present local area unserved, underserved and adoption rate progress to Civic Leaders                                                                                                                                                                                            |
| Communicate the need for public support strategy, policy, public/private/non-profit partnership and collaborative program development efforts |                                                                                                                                                                                                                                                                             | Lead & Consultant             | x      | x  | x  | x  | x      | x  | x  | x  | Recommend adoption of a local community General Plan single trench policy and a public housing mandate requirement.                                                                                                                                                             |
| Ensure special high unemployment and demographic interest areas are addressed                                                                 |                                                                                                                                                                                                                                                                             | Lead & Consultant             | x      | x  | x  | x  | x      | x  | x  | x  | Articulate and gain commitment to support deployment and adoption of Broadband within high unemployment communities, by women, minorities and Veterans.                                                                                                                         |

| Partnering with Residents                                                                                                                                                                                       |                                                                                                                                                                                                                     |                   |   |   |   |   |   |   |   |   |   |                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---|---|---|---|---|---|---|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Increase awareness of current Broadband service definitions, technology, benefits, existing services, deployment challenges, ISP partnering opportunities, new services, benefits, pricing and means to acquire | Regularly meet with local community residents, and and exchange on-going information by way of additional face-to-face meetings, telephone and Internet based communication (e.g email, GCBC website and blogging). | Lead & Consultant |   | x | x | x | x | x | x | x | x | Provide on-going promotion by way of an enhanced GCBC website, email blasts, blogging and occassional local community forums, panels and/or workshops               |
| Support on-going GIS mapping efforts, by way of promoting self "speed testing", certification and reporting                                                                                                     |                                                                                                                                                                                                                     | Consultant        |   | x | x | x | x | x | x | x | x | Advertise by way of the Internet, traditional marketing media and face-to-face community meetings, available "speed testing" tools and reporting                    |
| Promote how rural remote target unserved and underserved communities can develop partnerships with wireless ISP's to bring new or upgraded service to their areas.                                              |                                                                                                                                                                                                                     | Lead & Consultant |   | x | x | x | x | x | x | x | x | Host periodic workshops to help residents engage with incumbent ISP's and to understand "hill top" technology solution deployment agreement benefits                |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |                   | x | x | x | x | x | x | x | x | x | Continually identify unserved and underserved homes and businesses to all incumbent ISP's                                                                           |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |                   |   | x | x | x | x | x | x | x | x | Continually identify communities losing DSL service, validate and report lost service                                                                               |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |                   |   | x | x | x | x | x | x | x | x | Identify DSL service areas which overlap with ISP wireless services                                                                                                 |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |                   |   |   | x | x | x | x | x | x | x | Co-investigate wireless ISP service deployment in DSL service areas                                                                                                 |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |                   |   | x | x | x | x | x | x | x | x | Help support sustainable access to potential "hill top" relay station properties                                                                                    |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |                   | x | x | x | x | x | x | x | x | x | Promote ISP wireless services to DSL customers                                                                                                                      |
| GCBC to remain abreast of changing Broadband technology definitions, assess fluctuations in unserved and underserved areas, adoption rates, drivers and improvement options                                     |                                                                                                                                                                                                                     | Consultant        | x | x | x | x | x | x | x | x | x | Develop and maintain a region-wide market research data base, and provide on-going proactive reporting by way of community reports and on-line GCBC Internet access |

| Partnering with Chambers of Commerce & Business Improvement Districts (BID)                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                   |            |  |   |   |   |   |   |   |   |                                                                                                                                                  |  |
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| Ensure Chamber Board Members, especially Economic Development Committees, Chamber Members and BID officers and members understand the importance of the need for easy access and adoption of Broadband services | Actively participate in community Chamber of Commerce Board, committees and commission and Power Lunch and Network Mixer meetings, and provide community Chamber and Business Improvement District volunteer staff support by way of occasional face-to-face, telephone and Internet based communication (e.g. email, GCBC website and blogging). | Lead       |  | x | x | x | x | x | x | x | Obtain commitments from business owners to promote "speed testing, engagement with GCBC and adoption of existing and new ISP Broadband services. |  |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                   |            |  |   | x | x | x | x | x | x | Initiate and obtain Chamber Letters of Support for easy access to affordable Broadband services                                                  |  |
| Partnering with Public Housing Leadership                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                   |            |  |   |   |   |   |   |   |   |                                                                                                                                                  |  |
| Identify local planned development projects and existing infrastructure, which should include Broadband access                                                                                                  | Establish and maintain relations with local community Housing staff, and assist with Housing Element updates/revisions and provide project Technical Assistance as needed                                                                                                                                                                         | Consultant |  |   |   | x | x | x | x |   | Assess current and planned Broadband access services                                                                                             |  |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                   |            |  |   |   | x | x | x | x |   | Promote Public Housing Broadband Policy development and implementation, provide program support and project development                          |  |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                   |            |  |   |   |   | x | x | x | x | Provide CPUC Housing fund access Technical Assistance                                                                                            |  |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                   |            |  |   |   |   | x | x | x | x | Promote Broadband access benefits and development and deployment projects to Public Housing residents                                            |  |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                   |            |  |   |   |   | x | x | x | x | Support Public Housing access to necessary and available ISP and non-ISP Broadband, Internet and user application training                       |  |

| Partnering with Public Library Leadership                                                                                                                                    |                                                                                                                                                                                                             |                   |   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                     |
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| Discern and develop plans to broaden awareness of various existing library broadband initiatives, and to understand the Nevada County Public Library project "best practice" | Establish and maintain relations with County-wide Library Staff and local librarians and volunteer committees                                                                                               | Lead & Consultant | x | x | x | x |   |   |   |   | Meet with County Staff and Public Libraries to ensure awareness of Statewide vision and Nevada County experience                                                                                                                                                    |
| Continue or develop new means to leverage existing and planned facilities in remote rural locations as an interim community Broadband Hub solution                           |                                                                                                                                                                                                             | Lead & Consultant |   | x | x | x | x |   |   |   | Identify remote community libraries with the potential to become an Internet Hub                                                                                                                                                                                    |
|                                                                                                                                                                              |                                                                                                                                                                                                             |                   |   |   | x | x | x | x |   |   | Understand Internet Hub development challenges and present development proposals                                                                                                                                                                                    |
|                                                                                                                                                                              |                                                                                                                                                                                                             |                   |   |   |   | x | x | x | x |   | Work with staff to identify potential sources of capital, and to provide Capital readiness and grant proposal technical assistance                                                                                                                                  |
|                                                                                                                                                                              |                                                                                                                                                                                                             |                   |   |   |   |   | x | x | x | x | Assist with Community outreach and planning efforts, and to promote planned and actual availability                                                                                                                                                                 |
| Partnering with Public School Leadership                                                                                                                                     |                                                                                                                                                                                                             |                   |   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                     |
| Discern needs and opportunities to broaden awareness of various statewide Public School Broadband initiatives                                                                | Establish and maintain strong relations with Public School District Leadership including Superintendents, IT Staff, and School Principals and Parent Teach Associations (PTA) where they present themselves | Lead & Consultant |   | x | x | x | x |   |   |   | Assess County and Public Library awareness of statewide initiatives and identify development plans. Coordinate local and state initiative updates. Encourage and facilitate supporting plan development, community outreach and plan communication                  |
| Help enhance school Broadband access in order to ensure Common Core testing requirements, quality instruction and workforce development.                                     |                                                                                                                                                                                                             | Consultant        |   | x | x | x | x |   |   |   | Identify School Districts and Schools unable to implement Common Core testing due to sufficient Broadband service. Facilitate discussions with incumbent ISP's and other interested local ISP's to ensure adequate and affordable services                          |
| Investigate opportunities for schools to become remote rural interim community Broadband Hub sites                                                                           |                                                                                                                                                                                                             | Lead & Consultant |   |   | x | x | x | x |   |   | Identify remote schools which could possibly serve as remote Internet Hubs. Work with School District, and Schools to assess obstacles and develop a vision. Facilitate the development of a collaborative local public, private and non-profit partnership venture |
| Ensure School District's federally mandated e-Rate Technology Plan is in sync with local Broadband service development efforts                                               |                                                                                                                                                                                                             | Consultant        |   | x | x | x | x | x | x | x | Inventory School District and School eRate Technology Plans. Evaluate ISP support coverage. Facilitate ISP and School discussions to reconcile inconsistencies and support sustainable alignment                                                                    |

| Partnering with Public Safety Leadership                                                                                           |                                                                                                                                                                                                                           |                   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                       |  |
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| Broaden awareness of the FirstNet initiative and encourage local participation                                                     | Establish and maintain strong relations with community Public Safety Administration Officers (e.g. Fire, Policy and/or both)                                                                                              | Lead & Consultant |   |   | x | x | x | x | x | x                                                                                                                                                                                                                                                                                                                           | Assess Community Public Safety awareness of the FirstNet initiatives and identify participation plans. Coordinate local and state initiative updates. Encourage and facilitate supporting plan development, community outreach and plan communication |  |
|                                                                                                                                    |                                                                                                                                                                                                                           |                   |   | x | x | x | x | x | x | Identify community Public Safety programs unable or unwilling to participate in FirstNet, and their alternative strategy. Facilitate local discussion to assess the challenges and determine community alternatives. Help promote community outreach and refine direction, policy and program plans                         |                                                                                                                                                                                                                                                       |  |
| Partnering with Fellow Consortium Leadership                                                                                       |                                                                                                                                                                                                                           |                   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                       |  |
| Ensure awareness of each other's region issues, challenges, plans, partnerships, "pitfalls", "best practices", projects and tools. | Re-establish and maintain strong relations with Leaders of both contiguous Consortia, as well as, other predominately rural Consortia and more urban focused Consortia, in addition, to CETF leadership and program staff | Lead & Consultant | x | x | x | x | x | x | x | x                                                                                                                                                                                                                                                                                                                           | Re-implement routine contiguous Consortia Lead 1:1 meetings, staff communication and community update participation                                                                                                                                   |  |
|                                                                                                                                    |                                                                                                                                                                                                                           |                   | x | x | x | x | x | x | x | Actively participate in all routine CPUC Consortia-wide conference calls, and statewide conferences.                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                       |  |
|                                                                                                                                    |                                                                                                                                                                                                                           |                   | x | x |   |   |   |   |   | Enhance the GCBC website in order to make it more user friendly, and easy to access plans, best practice information, speed testing, community input, event registration and participation, availability and performance reporting, broadband satisfaction measurement and plan community input and volunteer participation |                                                                                                                                                                                                                                                       |  |
|                                                                                                                                    |                                                                                                                                                                                                                           |                   | x | x | x | x | x | x | x | x                                                                                                                                                                                                                                                                                                                           | Continue providing "blogging services" and timely/proactive/"push" email Broadband updates                                                                                                                                                            |  |

| Partnering with Statewide Broadband Advocates                                                                                                                                     |                                                                                                                                                                |                               |   |   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|---|---|---|---|---|---|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provide on-going legislative support assistance to ensure public policy and financial support for Consortia and CASF funding                                                      | Re-establish and maintain strong relations with CETF leadership and program staff                                                                              | Lead & Consultant             |   | x |   | x |   | x |   | x |   | Attend California Economic Summit, annual CALED Conference, FirstNET and SHLB meetings.                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                   |                                                                                                                                                                |                               | x |   | x |   | x |   | x |   |   | Routinely meet with region legislators to promote Broadband service performance, issues and opportunities                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                   |                                                                                                                                                                |                               |   | x |   | x |   | x |   | x |   | Attend California State Legislative (e.g. Assembly and Senate) Broadband Committee Hearings in order to represent GCBC performance and needs                                                                                                                                                                                                                                                                                 |
| Partnering with Nation-wide Broadband Initiative Leadership                                                                                                                       |                                                                                                                                                                |                               |   |   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ensure transparency, awareness and easy access to GCBC issues and opportunities, plans, resources, progress and outcomes                                                          | Continually research and remain abreast of public, private and non-profit nationwide Broadband development initiatives, programs, funding and support services | Consultant                    | x | x | x | x | x | x | x | x | x | Promote and maintain via an enhanced website, blogging and marketing campaign a continually evolving region State of Broadband report, our CPUC Proposal, our CPUC GCBC Award, GCBC monthly progress reports, planned events, event presentation materials and outcomes, community satisfaction reporting, ISP partnerships and services, deployment projects and status updates, industry news and access to best practices |
| Partnering with CPUC Consortium and CASF Leadership                                                                                                                               |                                                                                                                                                                |                               |   |   |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ensure GCBC remains abreast of all on-going program office policy, feature changes, financial decisions, administration, reporting requirements and specific requests/obligations | Re-establish and maintain strong relations with CPUC leadership and both the Consortia, Public Housing and CASF program staff                                  | Lead, Consultant & Operations | x | x | x | x | x | x | x | x | x | GCBC 100% attendance and participation in all CPUC and CETF hosted routine and impromptu Consortia events                                                                                                                                                                                                                                                                                                                    |
| Ensure timely GCBC program management compensation and prompt resolution of all CPUC requests                                                                                     |                                                                                                                                                                | Operations                    | x | x | x | x | x | x | x | x | x | Publication of all GCBC quarterly reports within 15 days of the quarter closure date. Payment from the CPUC within 60 days of each report publication date.                                                                                                                                                                                                                                                                  |

## APPENDIX B

### Inland Empire Regional Broadband Consortium Work Plan

INLAND EMPIRE REGIONAL BROADBAND CONSORTIUM      WORK PLAN (TWO YEARS, 2016-2018)

|            |                                                                   |                                                                    |            |                 | Year One |    |    |    | Year 2 |    |    |    |                                                                                                                                                                                                                                                                                |
|------------|-------------------------------------------------------------------|--------------------------------------------------------------------|------------|-----------------|----------|----|----|----|--------|----|----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | Activities/Tasks                                                  | Who Manages                                                        | Start Date | Completion Date | Q1       | Q2 | Q3 | Q4 | Q1     | Q2 | Q3 | Q4 | Outcome or Deliverable                                                                                                                                                                                                                                                         |
| ACTIVITY 1 |                                                                   |                                                                    |            |                 |          |    |    |    |        |    |    |    |                                                                                                                                                                                                                                                                                |
| Task       | ADMINISTRATION                                                    |                                                                    |            |                 |          |    |    |    |        |    |    |    |                                                                                                                                                                                                                                                                                |
| 1.1        | IERB QUARTERLY REPORTS AND PAY REQUESTS SUBMITTED TO CPUC         | IERB Executive Director, Executive Committee Chair                 | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | 8 Quarterly Reports and Pay Requests Prepared and Submitted to CPUC                                                                                                                                                                                                            |
| 1.2        | CONVENE IERB EXECUTIVE COMMITTEE MEETINGS                         | IERB Executive Director, Executive Committee                       | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | 8 Executive Committee Meetings Convened to go over Work Plan, Budget and Schedule                                                                                                                                                                                              |
| 1.3        | CONVENE IERB GENERAL ASSEMBLY MEETINGS                            | IERB Executive Director, Executive Committee                       | 42430      | 43281           |          |    |    | X  |        |    |    | X  | 2 General Assembly Meetings; Information Disseminated to Consortium Members from IERB about Region's progress reaching 98% Goal, CPUC Staff Update, Available Broadband Grants, IERB Inland Empire Broadband Update, and from Speakers who have successful Broadband Programs. |
| 1.4        | CONVENE SPECIAL PURPOSE AD-HOC MEETINGS AS NEEDED                 | IERB Executive Director                                            | 42430      | 43281           |          | X  | X  | X  | X      | X  | X  | X  | It is anticipated that 4 Special Purpose Ad-Hoc Meetings will be convened to go over special topics such as Legislation and Grant Funding.                                                                                                                                     |
| 1.5        | WEBINARS/CONFERENCE CALLS AS NEEDED                               | IERB Executive Director                                            | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | 48 Conference Calls (24 CPUC Regional Consortia Conference Call Per Month, as well as 12 CETF and 12 Other Consortium Related Conference Calls). 8 Webinars. There are 8 webinars estimated in the two year period.                                                            |
| 1.6        | MANAGE WEBSITE                                                    | IERB Executive Director, Imagic                                    | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | Website managed                                                                                                                                                                                                                                                                |
| 1.7        | CPUC REGIONAL CONSORTIA LEARNING COMMUNITY SUMMIT- SEND DELEGATES | IERB Executive Director                                            | 42430      | 43281           | X        |    |    |    | X      |    |    |    | Delegates sent to CPUC Summit                                                                                                                                                                                                                                                  |
| ACTIVITY 2 |                                                                   |                                                                    |            |                 |          |    |    |    |        |    |    |    |                                                                                                                                                                                                                                                                                |
| Task       | OUTREACH                                                          |                                                                    |            |                 |          |    |    |    |        |    |    |    |                                                                                                                                                                                                                                                                                |
| 2.1        | OUTREACH TO CITIES IN RIVERSIDE AND SAN BERNARDINO COUNTIES       | IERB Executive Director                                            | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | Cities in Inland Empire Contacted and Outreach Completed.                                                                                                                                                                                                                      |
| 2.2        | OUTREACH RIVERSIDE AND SAN BERNARDINO COUNTIES                    | IERB Executive Director                                            | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | Riverside and San Bernardino Counties Contacted and Outreach Completed.                                                                                                                                                                                                        |
| 2.3        | OUTREACH TO PUBLIC AGENCIES                                       | IERB Executive Director                                            | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | Outreach completed to 8 Agencies (RCTC, SANBAG, WRCOG, CVAG, Caltrans District 8, High Desert Corridor Joint Powers Authority, high Speed Rail Authority, and Xpress West High Speed Rail)                                                                                     |
| 2.4        | OUTREACH TO PROFESSIONAL ASSOCIATIONS                             | IERB Executive Director, Bayne and Associates, P3 Global Solutions | 42430      | 43281           | X        | X  | X  | X  | X      | X  | X  | X  | Outreach completed to 9 Professional Associations (IEEP, ASCE, APWA, WTS, APA, Inland Empire IT Healthcare Coalition, SB Community College Navigators, Mobility 21);                                                                                                           |

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| ACTIVITY 3 |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |       |   |   |   |   |   |   |   |   |                                                                                                                                                                                |
|------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---|---|---|---|---|---|---|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Task       | IMPLEMENT SMART REGION POLICIES                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |       |   |   |   |   |   |   |   |   |                                                                                                                                                                                |
| 3.1        | IERB COLLABORATION WITH IEEP INCLUDING CONVENING BROADBAND FORUMS AND WORKING WITH EMPLOYERS AND OTHER STAKEHOLDERS | IERB Executive Director                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42552 | 43281 | X | X | X | X | X | X | X | X | IEEP-IERB Forums and Employer Meetings regarding Broadband. Number of Forums and Meetings to be determined with IEEP                                                           |
| 3.2        | IERB AND IEEP WILL IMPLEMENT "SMART REGION AND COMMUNITY" POLICIES AND PROGRAMS IN THE INLAND EMPIRE                | IERB Executive Director                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42552 | 43281 | X | X | X | X | X | X | X | X | Smart Region established with IEEP Assistance, and Education provided to realtors/leasing agents about business internet needs as part of their checklist of items for clients |
| ACTIVITY 4 |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |       |   |   |   |   |   |   |   |   |                                                                                                                                                                                |
| Task       | IMPLEMENT INLAND EMPIRE BROADBAND PLAN POLICIES                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |       |   |   |   |   |   |   |   |   |                                                                                                                                                                                |
| 4.1        | CONSULTATION WITH FIVE INLAND EMPIRE CITIES                                                                         | IERB Executive Director, Bayne and Associates, P3 Global Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 42430 | 43281 | X | X | X | X | X | X | X | X | See below                                                                                                                                                                      |
|            |                                                                                                                     | Consultation completed with Inland Empire Five Cities; Broadband Policies implemented include: Support Cities to create Fiber Plan and Add Known Fiber into GIS System; Request New Developments include Fiber; Include Fiber in New Public Infrastructure/Highway/Rail Lines; Support WIFI in Public Places including Government Facilities and Parks; Work Together and Support Counties to Create Fiber Plan and Add known Fiber into Their GIS Systems; Support Including Fiber in Public Infrastructure Projects/Highways/Rails; Support Fiber in Government Facilities; Support and Request Fiber in New Housing and Business Developments; Provide WIFI in Government Facilities and Parks; Add Broadband and Digital Inclusion Programs to Public Housing; Add Broadband Availability and Speed into Economic Development Analysis and New Project Analysis; Work on Improved Broadband in Existing Areas where there is Little or No New Development; Add Broadband Service as Study Item in Existing Utility Project Review Committees; Get Public Safety Departments involved in FirstNet; Follow and Comment on Broadband Legislation; Support Broadband Grant Applications; Work with and Advocate Internet Providers and Telecoms to improve Broadband Services in City; Increase Library Hours for more Online Access in Community; Support Telehealth; Advocate Public - Private Partnerships to improve Broadband Service and Access in Community; Make Policies to Close Digital Divide and reach 98% Goal. Identify and Plan to Improve Service for Unserved and Underserved and address this Issue in Project Planning and Development; and, Consider Opportunities to Create and Operate Municipal Fiber and Wireless Networks.                                                                                        |       |       |   |   |   |   |   |   |   |   |                                                                                                                                                                                |
| 4.2        | RIVERSIDE AND SAN BERNARDINO COUNTY FOR IMPLEMENTING BROADBAND                                                      | IERB Executive Director                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42430 | 43281 | X | X | X | X | X | X | X | X | see below                                                                                                                                                                      |
|            |                                                                                                                     | Consultation Completed with Riverside and San Bernardino Counties; Support provided to Riverside County CIO for New "RivCounty Connect" Program; Support Counties to create Fiber Plan and add Known Fiber into GIS Systems; Provide Support to Cities in adding Fiber to Their GIS Systems; Support Including Fiber in Public Infrastructure/Highways/Rail Lines; Support Broadband and Fiber in Public Housing; Support Fiber in Government Facilities; Support Fiber in New Housing and Business Developments; Support WIFI in Public Places, including Government Facilities and Parks; Add Broadband and Digital Inclusion Programs to Public Housing; Consider creating County-run Digital Inclusion Program; Add Broadband Availability and Speed into Economic Development Analysis and New Project Analysis; Add Broadband Service as Study Item in Utility Project Review Committees; Work on Improved Broadband in Existing Areas where there is Low or No Development--especially Rural and Disadvantaged Areas in the County; Get Public Safety Involved in FirstNet; Follow and Comment on Broadband Legislation; Support Broadband Grant Applications; Advocate and Work with Internet Providers and Telecoms to improve Broadband Services in County; Support Online Education; Support Telehealth; Increase Library Hours for more online access; Include Technology Training in Workforce Development; Get involved with and Support CTN and CENIC; Advocate Public - Private Partnerships to improve Broadband Service and Access, Identify and Work on Improving Service in Unserved and Underserved Areas and Address this Issue in Project Development and Planning; Make Policies to close Digital Divide and reach 98% Goal. Consider Opportunities to Create and Operate County-owned Fiber and Wireless Networks. |       |       |   |   |   |   |   |   |   |   |                                                                                                                                                                                |

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|                   |                                                                                          |                                                                          |       |       |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------|-------|---|---|---|---|---|---|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.3               | OUTREACH TO REGIONAL<br>TRANSPORTATION AND<br>PLANNING AGENCIES                          | IERB Executive Director, Bayne<br>and Associates, P3 Global<br>Solutions | 42430 | 43281 | X | X | X | X | X | X | X | Outreach completed to 8 Agencies (RCTC,<br>SANBAG, WRCOG, CVAG, Caltrans District 8, High<br>Desert Corridor Joint Powers Authority, high<br>Speed Rail Authority, and Xpress West High<br>Speed Rail); These Agencies encouraged to make<br>Fiber Plan and add Fiber in GIS Systems; Include<br>Fiber and/or Conduit in Design and Engineering<br>Plans for Public Infrastructure Projects, including<br>Highways and Rails. Add Broadband Service<br>Level, Fiber and FTTH to Planning Checklists for<br>Project Planning and Review; Add Broadband<br>Service as Study Item in Utility Project Review<br>Committees; Add WiFi to Public Facilities and<br>Support WIFI in Public and Private<br>Developments; Be open to Public-Private<br>Partnerships for Broadband in Projects; Request<br>Business-Level Internet in Areas Planned for<br>Economic Growth; Address Unserved and<br>Underserved Needs in Project Development and<br>Planning; Consider the use of Technology for<br>Today and Future in all Projects. |
| 4.4               | OUTREACH TO CIVIL<br>ENGINEERING, INFORMATION<br>TECHNOLOGY AND PLANNING<br>ASSOCIATIONS | IERB Executive Director, Bayne<br>and Associates, P3 Global<br>Solutions | 42430 | 43281 | X | X | X | X | X | X | X | Outreach completed to 8 Professional<br>Associations (IIEP, ASCE, APWA, WTS, APA, IE IT<br>Healthcare Coalition, SB Community College<br>Navigators, Mobility 21); These organizations<br>encouraged to include Fiber and/or Conduit in<br>design and engineering plans for public<br>infrastructure, including highways and rails, as<br>well as for private development plans, especially<br>business parks and new housing subdivisions.<br>Add Broadband Service as Study Item in Utility<br>Project Review Committees, Caltrans Meetings,<br>and Other Agency meetings where Professional<br>Engineers and Planners participate                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ACTIVITY 5</b> |                                                                                          |                                                                          |       |       |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                   | SUPPORT DIGITAL 395                                                                      |                                                                          |       |       |   |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5.1               | SUPPORT DIGITAL 395 PROJECT                                                              | IERB Executive Director                                                  | 42430 | 43281 | X | X | X | X | X | X | X | Support provided to Digital 395 to help increase<br>business and residential connections to the<br>system; and Support of Broadband projects<br>extending from Digital 395 to the eastern Mojave<br>area. Digital 395 mapping included in San<br>Bernardino County GIS System.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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| ACTIVITY 6 |                                                                                                                    |                         |       |       |   |   |   |   |   |   |   |   |   |   |                                                                                                                                                                             |  |
|------------|--------------------------------------------------------------------------------------------------------------------|-------------------------|-------|-------|---|---|---|---|---|---|---|---|---|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Task       | SUPPORT BROADBAND GRANTS IN REGION                                                                                 |                         |       |       |   |   |   |   |   |   |   |   |   |   |                                                                                                                                                                             |  |
| 6.1        | SUPPORT GRANT APPLICATIONS FROM THE INLAND EMPIRE FOR SUBMITTAL TO THE CASF INFRASTRUCTURE AND PUBLIC HOUSING FUND | IERB Executive Director | 42430 | 43281 | X | X | X | X | X | X | X | X | X | X | Projects identified and supported                                                                                                                                           |  |
| 6.2        | SUPPORT GRANT APPLICATIONS TO OTHER FUNDING SOURCES                                                                | IERB Executive Director | 42430 | 43281 | X | X | X | X | X | X | X | X | X | X | Grant Projects identified and supported                                                                                                                                     |  |
| ACTIVITY 7 |                                                                                                                    |                         |       |       |   |   |   |   |   |   |   |   |   |   |                                                                                                                                                                             |  |
| Task       | DIGITAL INCLUSION                                                                                                  |                         |       |       |   |   |   |   |   |   |   |   |   |   |                                                                                                                                                                             |  |
| 7.1        | SUPPORT SMARTRIVERSIDE'S DIGITAL INCLUSION PROGRAM AS A MODEL FOR THE INLAND EMPIRE                                | IERB Executive Director | 42614 | 43281 |   |   | X | X | X | X | X | X | X | X | SmartRiverside Model Information Provided for Region; It is anticipated that a new Digital Inclusion Program may start as a result of this information in the Inland Empire |  |

## APPENDIX C

### Connected Capital Broadband Consortium Work Plan

| Goal                                                                                                                 | Activities/Tasks                                                                                                                                                                 | Who Manages          | Start Date            | Completion Date        | Work Plan Year 1 |      |      |      | Work Plan Year 2 |      |      |      | Outcome or Deliverable                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|------------------------|------------------|------|------|------|------------------|------|------|------|-------------------------------------------------------------------------------------------------------------|
|                                                                                                                      |                                                                                                                                                                                  |                      |                       |                        | Y1Q1             | Y1Q2 | Y1Q3 | Y1Q4 | Y2Q1             | Y2Q2 | Y2Q3 | Y2Q4 |                                                                                                             |
| 1. Develop and assist with implementation of broadband infrastructure plans for priority investment.                 | Facilitate mapping exercises to identify existing backbone, middle mile, and last mile infrastructure and critical gaps.                                                         | VV and Jurisdictions | Jan-17                | Dec-18                 |                  | X    | X    | X    |                  |      |      |      | Maps and summary reports for use in strategic planning, feasibility studies, and funding applications       |
|                                                                                                                      | Survey business districts and employment centers to identify broadband assets and barriers to economic development.                                                              | VV                   | Jan-17                | Dec-18                 |                  |      |      |      | X                | X    | X    | X    | Working group with recommendations                                                                          |
|                                                                                                                      | Identify funding sources and funding gaps.                                                                                                                                       | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | E-Newsletters, E-blasts, social media posts, recommendations for each county                                |
|                                                                                                                      | Convene and coordinate stakeholders, funding sources, and telecoms to identify, prioritize, and advance a core set of priority projects.                                         | VV                   | 4/1/2017 - 12/31/2017 | 1/1/2018 - 12/31/2018  |                  |      |      | X    |                  |      |      | X    | Reports that specify specific priority projects and implementation strategies for four counties             |
| 2. Promote broadband employment and availability to residences and businesses.                                       | Promote ground truth speed testing through surveys and the CalSPEED Android and iPhone application.                                                                              | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Synthesized survey results and assessments for each county working group                                    |
|                                                                                                                      | Analyze captured information and prepare broadband score card toolkits for each jurisdiction in the region.                                                                      | VV                   | Apr-17                | Dec-18                 |                  | X    | X    | X    |                  |      |      |      | Score card and toolkit for each county                                                                      |
|                                                                                                                      | Facilitate and promote broadband educational forums and workshops.                                                                                                               | VV and Jurisdictions | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Summary reports of proceedings and findings                                                                 |
|                                                                                                                      | Document and disseminate information on best practices and/or model policies.                                                                                                    | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | E-Newsletters, E-blasts, social media posts, resource document for four counties                            |
| 3. Promote broadband access and adoption for residences and businesses.                                              | Document and communicate with jurisdictions, agencies, and organizations about service options in their areas.                                                                   | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Updated tri-fold communication document for all four counties                                               |
|                                                                                                                      | Research, document, and disseminate information on local, statewide, and national policies and pilot projects.                                                                   | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | E-Newsletters, e-blasts, social media posts, summary reports, tool kits                                     |
|                                                                                                                      | Convene Internet Service Providers (ISP), local governments and community benefit organizations (CBO) to identify resources and collaborate on community education and outreach. | VV and Jurisdictions | 6/1/2017 - 8/31/2017  | 6/1/2018 - 6/30/2018   |                  |      | X    |      |                  |      | X    |      | Summary reports on resources and collaboration on education and outreach efforts                            |
|                                                                                                                      | Work with local stakeholders to identify, prioritize, and advance digital access projects.                                                                                       | VV and Jurisdictions | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Summary reports identifying digital access projects                                                         |
| 4. Increase the rate of broadband adoption by facilitating the impact of consumer education, outreach, and adoption. | Identify high priority underserved and unserved target populations and communities.                                                                                              | VV and Jurisdictions | Apr-17                | Dec-17                 |                  | X    | X    |      |                  |      |      |      | Summary report, tool kit                                                                                    |
|                                                                                                                      | Work with local anchor institutions to become community broadband access points and leverage resources for additional access points.                                             | VV and Jurisdictions | Oct-17                | Mar-18                 |                  |      |      |      |                  |      | X    | X    | Summary reports and resource guides for all four counties                                                   |
|                                                                                                                      | Work with telecoms to increase enrollment for low-cost home and business Internet solutions.                                                                                     | VV and Telecoms      | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Summary reports and resource guides for all four counties                                                   |
|                                                                                                                      | Work with local agencies to facilitate applications for public housing grants and broadband infrastructure grants.                                                               | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Summary report, grant assistance, working grant timelines for each county, applications submitted           |
| 5. Provide project management support for CCABC.                                                                     | Implement Work Plan including project activities, reporting, and billing.                                                                                                        | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Summary report, billing documents                                                                           |
|                                                                                                                      | Disseminate information via e-newsletters, e-blasts, social media, and website.                                                                                                  | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | E-Newsletters, E-Blasts, social media blasts, website updates                                               |
|                                                                                                                      | Participate in CPUC Learning Summits, monthly consortia conference calls, and partner funded networking events.                                                                  | VV and CPUC          | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Summary report, support for CASF Consortia & CPUC staff as needed                                           |
|                                                                                                                      | Convene annual event to educate and build relationships across political jurisdictions and disciplines to reach a broad constituency.                                            | VV                   | 8/1/2017 - 11/31/2017 | 10/1/2018 - 12/31/2018 |                  |      |      | X    |                  |      |      | X    | Summary report with progress to date and recommendations                                                    |
|                                                                                                                      | Represent CCABC at local and state meetings, events, council, and policy forums.                                                                                                 | VV                   | Jan-17                | Dec-18                 | X                | X    | X    | X    | X                | X    | X    | X    | Increased awareness of CCABC Vision and Action Plan, identification and mobilization of broadband champions |
| Work plan was written Y1Q2 starting in January 2017                                                                  |                                                                                                                                                                                  |                      |                       |                        |                  |      |      |      |                  |      |      |      |                                                                                                             |