

GRANT YEAR 1

CASF Funded Mendocino County Activities

THE FOLLOWING ARE THE CASF FUNDED ACTIVITIES EXTRACTED FROM THE COMPLETE MENDOCINO COUNTY WORK PLAN WITH NARRATIVE. IT IS AVAILABLE UPON REQUEST.

MENDOCINO COUNTY WORK PLAN-GRANT YEAR 1--1st Quarter January 1, 2017-March 31, 2017

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q1	Outcomes or Deliverable	CASF Grant Funds
Activity #1. Ensure Community Involvement	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00
1.1 Maintain Community Commitment	1-Jan-17	31-Mar-17		Deliverable--- Issue a quarterly report on Activity 1.1	
1.1.1 Appoint and activate the Broadband Planning Working Group	1-Jan-17	31-Mar-17	100%	Complete	
1.1.2 Inform county Supervisors, County CEO, staff from elected officials, and local government (including public safety) of Grant Years 1 and 2 Work Plans and the appointment of the Mendocino Broadband Working Group (MBWG)	1-Jan-17	31-Mar-17	100%	Complete	
1.1.3 Collaborate with the countywide advisory group-Broadband Alliance of Mendocino County (BAMC)	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.1.4 Involve community organizations and business groups with outreach, via in-person meetings and media(radio, newspapers, social media, website and extensive email list.	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.1.5 Issue special reports, news releases etc, as appropriate	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.1.6 Coordinate outreach/public participation in broadband legislative issues	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.2 Engage Community Leadership	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly report on Activity 1.2	
1.2.1 Keep county CEO and Supervisors briefed	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.2.2 The MBWG meets at least quarterly to develop goals and strategies for the Broadband Plan (Activity 3)	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.2.3 Hold open "special topic" meetings, as needed	1-Jan-17	31-Dec-17	25%	Complete for Q1	
1.2.4 Training and consulting of staff on website maintenance	1-Jan-17	31-Dec-17	25%	None needed at this time	

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Quarterly Progress Report

1.1 Maintaining community commitment and engaging leadership is a strong focus for the Mendocino team. 1.1.1 The Broadband Working Group has met (details under Activity 3) and work is in progress on county broadband Goals. 1.1.2. The county complete workplans for Year One and Two are [posted on our website](#), and county supervisors, CEO, and other public officials were notified (including Sheriff and other safety officials). 1.1.2 In-person meetings were held with various community organizations and business groups as part of the Broadband Goals outreach efforts (more under Activity 3).

1.1.4; 1.1.6 The Broadband Alliance continued to meet for bi-monthly public outreach meetings (January 6th and March 3). The agenda and notes from these meetings are both emailed to our extensive email list and [posted on our website](#) and linked to on social media. Topics for discussion include current deployments, challenges, legislative issues, and special guests are often invited. Local media regularly attends our meetings resulting in articles in the local paper. Such [articles are also posted](#) on the website.

1.1.6 The Alliance website was updated in March with a special “In the News” menu for posting of local broadband-related news and information, correspondence with government officials/ agencies, and documents related to the CPUC proceeding to which Mendocino county is party to.

1.2 Supervisor Hamburg is a member of both the Broadband Alliance Executive Committee, and the Broadband Working Group. 1.2.1 The Alliance Executive Committee has received 3 monthly reports from Quarter 1 on Alliance activities, and Supervisor Hamburg and the County CEO Carmel Angelo received 8 weekly, detailed and personal broadband updates. Supervisor Hamburg then regularly reports broadband activities to the full Board of Supervisors during his “supervisors report.”

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q1	Outcomes or Deliverable	CASF Grant Funds
Activity #2. Develop Last Mile community plans/projects	1-Jan-17	31-Dec-18		Deliverable---Issue a quarterly progress report on Activities 2.1 and 2.2	
				Steel & Personnel	\$ 1,530.00
2.1 Identify and Work with Grant Year 1 Target Communities	1-Jan-17	31-Dec-17			
2.1.1 Albion	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.1.2 Westport	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.1.3 Road 409	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.1.4 Fort Bragg-exploration off PPP fiber network	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.1.5 Ukiah-exploration off PPP fiber network	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2 Work with Local "last mile" Providers to determine willingness to work with the communities	1-Jan-17	31-Dec-17		Deliverable Produce a report that documents the outcome of the efforts to match providers with the communities	
2.2.1 SeaKay	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.2 Mendocino Community Network	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.3 Central Valley Cable	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.4 Further Reach	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.5 AT&T	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.6 Frontier	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.7 Comcast	1-Jan-17	31-Dec-17	25%	Complete for Q1	
2.2.8 Sonic and Others	1-Jan-17	31-Dec-17	25%	Complete for Q1	

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Quarterly Progress Report

2.1 Several communities in Mendocino have been the focus of our work this quarter. By necessity, much of the detail of these meetings and planning may be left out of this report because of confidentiality concerns by the providers. Also flexibility is needed in working with communities, as sometimes opportunities arise unexpectedly in a non-target community, while at other times persistent challenges in a target community make progress slow.

2.1.1 (Removed). 2.1.2 There has been success in Westport, in that the community is now newly served with a fixed wireless network established in late 2016, but the challenge is to bring up adoption rate to make the network sustainable. 2.1.3 Work with the Road 409 community is meeting substantial roadblocks; our work this quarter involved negotiations for leasing space on a public radio station to a local provider for equipment, but recently these negotiations failed when the tower was determined by their network engineer to be in serious need of repair if any new equipment were to be added. We explored grant options for repair but the radio station was not interested. We will continue to work with this provider and the community on “what’s next”. We have added another “target community” (Anderson Valley) as the community has reached out to me because of some recent developments. 2.1.4; 2.1.5 There has been interest by providers and some businesses in both Fort Bragg and Ukiah in a fiber network. In 2016 the Alliance hosted a special meeting on this topic in both places (see agendas [here](#) and [here](#)); this quarter we arranged an initial talk with the city of Fort Bragg officials and a provider on 2/7/17. As a way to inspire communities that investing in broadband is worthwhile, a new [“success stories”](#) was added to our website.

2.2 Relationship-building and outreach to providers has been an [on-going process during the last few years](#), and this quarter also included new relationships such as working with a potential WISP currently in the process of developing deployment plans. Q1 work has focused on those providers such as SeaKay (2.2.1) who have indicated a willingness to work with us on deployments in target communities such as described above, and providers such as AT&T and Frontier (2.2.5, 2.2.6) who have CAF commitments. For example, in January we arranged a meeting between county permitting department and AT&T to discuss issues uncovered by their engineering teams. An in-person meeting with Frontier’s State Government Affairs VP was held March 17th about their CAF plans, which unfortunately does not include any deployment in Mendocino for 2017. Mendocino Community Network (2.2.2) has been a partner for issues such as quantifying outages but does not have active deployment plans that we are aware of. Further Reach (2.2.4) is another partner for us with on-going communication for deployment strategies on the south coast. One of their success stories was [posted on our website](#). Other outreach to all providers in Q1 included sharing information on the USDA Community Facilities Direct Loan Program (1/30/17) and a request for input on the proposed legislation for re-authorization of the CASF grant program (1/13/17). These requests are aimed to keep providers informed and interested in resources for last-mile deployments.

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q1	Outcomes or Deliverable	CASF Grant Funds
Activity #3. Develop the Goals and Strategies for the Broadband Plan	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00
3.1 Develop County Broadband Goals and Strategies	1-Jan-17	31-Dec-17		Deliverable--- Produce a Draft of the goals and strategies; Vet the draft; Finalize goals and strategies	
3.1.1 The County Working Group develops first draft of goals and strategies	1-Jan-17	30-Jun-17	100%	Complete	
3.1.2 Vet draft goals and strategies with county agencies, organizations, communities and broadband providers and obtain endorsements	1-Apr-17	1-Aug-17	25%	Complete for Q1	
3.1.3 Finalize Goals and Strategies	1-Sep-17	31-Oct-17	100%	Complete	
3.1.4 Present final Goals and Strategies to Board of Supervisors for adoption	1-May-17	30-Jun-17	0%	Tentatively scheduled for Q3 (July)	
3.2 County develops Broadband Infrastructure/Design					

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3.2.1 The Working Group develops draft design of needed infrastructure	1-Apr-17	31-Jul-17	0%	Q2	
3.2.2 Revisions to the design are made based on input from communities and providers	1-Jun-17	30-Sep-17	0%	Q2	
3.2.3 Complete Final version of needed infrastructure design	1-Oct-17	31-Oct-17	0%	Deliverable---Produce an Infrastructure Design	
3.2.4 Existing infrastructure is inventoried and over-laid on map	1-Nov-17	30-Nov-17	0%	Q2	
3.2.5 Gaps between what is needed and what exists are identified	1-Nov-17	30-Nov-17	0%	Q2	
3.2.6 Potential Projects are developed from identified gaps and prioritization	1-Dec-17	31-Dec-17	0%	Deliverable---Produce a report on priority project plans	

Quarterly Progress Report

The [Broadband Working Group](#) was initiated and is composed of [9 members](#) that includes overlapping representation from government (supervisor, city council member), Public Safety (OES coordinator, Communications), County Agencies (IT Department), Non-profits (Alliance and Community Foundation), Business organizations (The Economic Development and Financing Corporation, private business), Education (MCOE superintendent or his IT staff) and Providers. 3.1.1 The first draft of the Broadband Goals and Strategies was completed, and presented to select organizations for feedback; this feedback resulted in 5 more versions (3.1.2). [V6 is our final draft](#) (3.1.3) and has started to be presented to wider groups for endorsement such as the Sheriff, CalFire, and Chambers of Commerce; [Currently we have 3 endorsements](#) and continuing this effort will be a focus for Quarter 2. Q2 will also include presentations before incorporated city councils and Municipal Advisory Committees. 3.1.4 These goals will be brought before our Board of Supervisors in Q3 (tentatively scheduled for July).

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q1	Outcomes or Deliverable	CASF Grant Funds
Activity #4. Involve and work with Telecommunications Providers	1-Jan-17	31-Dec-18		Deliverable---Produce a semi-annual report on ongoing work with telecommunications providers	
				Steel & Personnel	\$ 1,530.00
4.1 Work with providers to have them share with the County their fiber routes and transparency in network resiliency	1-Jan-17	31-Dec-17	25%	Complete for Q1	
4.2 Work with providers to increase redundancy and diversity in their networks	1-Jan-17	31-Dec-17	25%	Complete for Q1	
4.3 Work with providers for improved communication procedures between them and the County	1-Jan-17	31-Dec-17	25%	Complete for Q1	
4.4 Have providers inform the County of changes to their offerings and plans to deploy broadband in the county	1-Jan-17	31-Dec-17	25%	Complete for Q1	
4.5 Document any outages to assess scope and impact on residents	1-Jan-17	31-Dec-17	25%	Complete for Q1	

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Quarterly Progress Report

4.1; 4.2 As described in Activity 2.2, relationships with providers are on-going and the specific information for Activity 4 comes about in small increments as a relationship is developed and working with providers for strategies for last mile deployment. More of this Activity 4 information will also be developed as the Working Group moves forward in Q2.

4.3 Meeting between AT&T and county permitting officials arranged by our team to improve communication and identify challenges for upcoming CAF2 tower permit requests. As county manager for the NBNBCB, I often act as liaison to the county for information requested in Activity 4.4; for example, I met with Frontier VP for Legislative Affairs and confirmed that Frontier had no CAF network upgrades planned for Mendocino, and similarly tracked down rumors about Central Valley Cable withdrawing service, and this information was relayed to our CEO and Oversight Committee supervisor.

4.5 Luckily there have been no *major* telecommunications outages in Q1, but the Alliance attempts to determine information about rumored outages (how widespread, etc), document such information, and to share outage reporting information with residents. Our Facebook page posted 6 times in Q1 the link for the PUC outage survey and other outage information. The survey link is also on the Homepage of our website. The nationwide AT&T wireless outage of March 8th resulted in an investigation by Homeland Security into the impacts on 911; I sent the Homeland Security request for input on the impacts of the outage on 9-1-1 to our Sheriff and asked for him to respond to this investigation, which he did. This would not have happened if I had not specifically alerted and requested our Sheriff to respond. Another multi-day wireless AT&T outage was documented in the Laytonville area of the county and reported to the Sheriff, who seemed unaware of the outage at the time. The Management team also works with the county in their participation in the [PUC Rural Call Completion Proceeding](#) which arose from county concern about major outages in 2014 and 2015. During Q1 there were 2 documents ([here](#) and [here](#)) filed in this proceeding with input from the NBNBCB team.

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q1	Outcomes or Deliverable	CASF Grant Funds
Activity #5---Participate and work on Consortium-wide activities	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 300.00
5.1 Participate in development of NBNBCB Regional Infrastructure Plan	1-Jan-17	31-Dec-17	25%	Complete for Q1	
5.2 Participate in quarterly meetings of Oversight Committee	1-Jan-17	31-Dec-17	25%	Complete for Q1	
5.3 Share information of regional importance and contribute to semi-annual newsletter	1-Jan-17	31-Dec-17	25%	Complete for Q1	

Quarterly Progress Report

5.2 Mendocino participated in consortium-wide activities during Q1, including all management team calls and legislative efforts. Team manager Steel was on vacation during the February OS committee meeting, but participated in prep for the meeting with the OS supervisor before leaving. Steel also regularly communicates with the NBNBCB team and shares information of regional importance.

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q1	Outcomes or Deliverable	CASF Grant Funds
Activity #6. Foster the implementation of adoption and training plans and programs	1-Jan-17	31-Dec-18		Deliverable---Produce a brief quarterly report on ongoing work in adoption and training	
				Steel & Personnel	\$ 455.00

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6.1 Update Data on Existing Adoption and Training Programs	1-Jan-17	31-Dec-17	25%	Complete for Q1	
6.2 Collaborate with interested providers on adoption programs and outreach	1-Jan-17	31-Dec-17	25%	Complete for Q1	
6.3 Collaborate with youth-based entities to assess needs, existing resources, and potential funding	1-Jan-17	31-Dec-17	25%	Complete for Q1	
<p>Quarterly Progress Report</p> <p>The Digital Divide is not just lack of access, it also is a result from lack of digital literacy. To help make our Alliance website more of a resource for consumers, we created a new main menu called "Consumer Education" and have provided relevant content for both access and adoption. 6.2 To help learn about access options, we have a "Providers in Mendocino County" chart and information on both AT&T and Comcast's low-cost internet options. Quarter 1 also included discussions with a smaller provider on a more extensive and targeted outreach program for adoption. 6.1 As a result of the 3/3/17 public outreach meeting and Library Director's report, the Mendocino County Broadband Adoption report was updated so residents without access can find areas where there are free access computers, such as county library locations.</p> <p>6.2 The consumer education portion of the website was updated with 16 new articles posted under the "Crossing the Digital Divide"; The Alliance also supports AT&T's iPad digital literacy program at the Ukiah and Fort Bragg Senior Centers. Steel also participated in AT&T's "It can wait" campaign against texting while driving and attempted to bring this program to the Laytonville High School and Family Resource Center; unfortunately the scheduling didn't work out for this year so she will work with them for the next school year.</p>					

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THE FOLLOWING ARE THE CASF FUNDED ACTIVITIES EXTRACTED FROM THE COMPLETE MENDOCINO COUNTY WORK PLAN WITH NARRATIVE. IT IS AVAILABLE UPON REQUEST.

MENDOCINO COUNTY WORK PLAN-GRANT YEAR 1--2nd Quarter April 1, 2017-June 30, 2017

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q2	Outcomes or Deliverable	CASF Grant Funds
Activity #1. Ensure Community Involvement	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00
1.1 Maintain Community Commitment	1-Jan-17	31-Mar-17		Deliverable--- Issue a quarterly report on Activity 1.1	
1.1.1 Appoint and activate the Broadband Planning Working Group	1-Jan-17	31-Mar-17	0%		
1.1.2 Inform county Supervisors, County CEO, staff from elected officials, and local government (including public safety) of Grant Years 1 and 2 Work Plans and the appointment of the Mendocino Broadband Working Group (MBWG)	1-Jan-17	31-Mar-17	0%		
1.1.3 Collaborate with the countywide advisory group-Broadband Alliance of Mendocino County (BAMC)	1-Jan-17	31-Dec-17	25%		
1.1.4 Involve community organizations and business groups with outreach, via in-person meetings and media(radio, newspapers, social media, website and extensive email list.	1-Jan-17	31-Dec-17	25%		
1.1.5 Issue special reports, news releases etc, as appropriate	1-Jan-17	31-Dec-17	25%		
1.1.6 Coordinate outreach/public participation in broadband legislative issues	1-Jan-17	31-Dec-17	25%		
1.2 Engage Community Leadership	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly report on Activity 1.2	
1.2.1 Keep county CEO and Supervisors briefed	1-Jan-17	31-Dec-17	25%		
1.2.2 The MBWG meets at least quarterly to develop goals and strategies for the Broadband Plan (Activity 3)	1-Jan-17	31-Dec-17	25%		
1.2.3 Hold open "special topic" meetings, as needed	1-Jan-17	31-Dec-17	25%		
1.2.4 Training and consulting of staff on website maintenance	1-Jan-17	31-Dec-17	25%		

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CASF Funded Mendocino County Activities

<u>Quarterly Progress Report</u>						
CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q2	Outcomes or Deliverable	CASF Grant Funds	
Activity #2. Develop Last Mile community plans/projects	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly progress report on Activities 2.1 and 2.2		
				Steel & Personnel		\$ 1,530.00
2.1 Identify and Work with Grant Year 1 Target Communities	1-Jan-17	31-Dec-17	0%			
2.1.1 Albion	1-Jan-17	31-Dec-17	25%			
2.1.2 Westport	1-Jan-17	31-Dec-17	25%			
2.1.3 Road 409	1-Jan-17	31-Dec-17	25%			
2.1.4 Fort Bragg-exploration off PPP fiber network	1-Jan-17	31-Dec-17	25%			
2.1.5 Ukiah-exploration off PPP fiber	1-Jan-17	31-Dec-17	25%			
2.2 Work with Local "last mile" Providers to determine willingness to work with the communities	1-Jan-17	31-Dec-17		Deliverable Produce a report that documents the outcome of the efforts to match provides with the communities		
2.2.1 SeaKay	1-Jan-17	31-Dec-17	25%			
2.2.2 Mendocino Community Network	1-Jan-17	31-Dec-17	25%			
2.2.3 Central Valley Cable	1-Jan-17	31-Dec-17	25%			
2.2.4 Further Reach	1-Jan-17	31-Dec-17	25%			
2.2.5 AT&T	1-Jan-17	31-Dec-17	25%			
2.2.6 Frontier	1-Jan-17	31-Dec-17	25%			
2.2.7 Comcast	1-Jan-17	31-Dec-17	25%			
2.2.8 Sonic and Others	1-Jan-17	31-Dec-17	25%			

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<u>Quarterly Progress Report</u>

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q2	Outcomes or Deliverable	CASF Grant Funds
Activity #3. Develop the Goals and Strategies for the Broadband Plan	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00
3.1 Develop County Broadband Goals and Strategies	1-Jan-17	31-Dec-17		Deliverable--- Produce a Draft of the goals and strategies; Vet the draft; Finalize goals and strategies	
3.1.1 The County Working Group develops first draft of goals and strategies	1-Jan-17	30-Jun-17	50%		
3.1.2 Vet draft goals and strategies with county agencies, organizations, communities and broadband providers and obtain endorsements	1-Apr-17	1-Aug-17	60%		
3.1.3 Finalize Goals and Strategies	1-Sep-17	31-Oct-17			
3.1.4 Present final Goals and Strategies to Board of Supervisors for adoption	1-May-17	30-Jun-17			
3.2 County develops Broadband Infrastructure/Design					
3.2.1 The Working Group develops draft design of needed infrastructure	1-Apr-17	31-Jul-17			
3.2.2 Revisions to the design are made based on input from communities and providers	1-Jun-17	30-Sep-17	25%		
3.2.3 Complete Final version of needed infrastructure design	1-Oct-17	31-Oct-17		Deliverable--- Produce an Infrastructure Design	
3.2.4 Existing infrastructure is inventoried and over-laid on map	1-Nov-17	30-Nov-17			
3.2.5 Gaps between what is needed and what exists are identified	1-Nov-17	30-Nov-17			
3.2.6 Potential Projects are developed from identified gaps and prioritization	1-Dec-17	31-Dec-17		Deliverable--- Produce a report on priority project plans	

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Quarterly Progress Report

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q2	Outcomes or Deliverable	CASF Grant Funds
Activity #4. Involve and work with Telecommunications Providers	1-Jan-17	31-Dec-18		Deliverable--- Produce a semi-annual report on ongoing work with telecommunications providers	
				Steel & Personnel	\$ 1,530.00
4.1 Work with providers to have them share with the County their fiber routes and transparency in network resiliency	1-Jan-17	31-Dec-17	25%		
4.2 Work with providers to increase redundancy and diversity in their networks	1-Jan-17	31-Dec-17	25%		
4.3 Work with providers for improved communication procedures between them and the County	1-Jan-17	31-Dec-17	25%		
4.4 Have providers inform the County of changes to their offerings and plans to deploy broadband in the county	1-Jan-17	31-Dec-17	25%		
4.5 Document any outages to assess scope and impact on residents	1-Jan-17	31-Dec-17	25%		

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Quarterly Progress Report

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q2	Outcomes or Deliverable	CASF Grant Funds
Activity #5---Participate and work on Consortium-wide activities	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 300.00
5.1 Participate in development of NBNCBC Regional Infrastructure Plan	1-Jan-17	31-Dec-17	25%		
5.2 Participate in quarterly meetings of Oversight Committee	1-Jan-17	31-Dec-17	25%		
5.3 Share information of regional importance and contribute to semi-annual newsletter	1-Jan-17	31-Dec-17	25%		

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MENDOCINO COUNTY WORK PLAN-GRANT YEAR 1--3rd Quarter July 1, 2017-September 30, 2017						
CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q3	Outcomes or Deliverable	CASF Grant Funds	
Activity #1. Ensure Community Involvement	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00	
1.1 Maintain Community Commitment	1-Jan-17	31-Mar-17		Deliverable--- Issue a quarterly report on Activity 1.1		
1.1.1 Appoint and activate the Broadband Planning Working Group	1-Jan-17	31-Mar-17	0%			
1.1.2 Inform county Supervisors, County CEO, staff from elected officials, and local government (including public safety) of Grant Years 1 and 2 Work Plans and the appointment of the Mendocino Broadband Working Group (MBWG)	1-Jan-17	31-Mar-17	0%			
1.1.3 Collaborate with the countywide advisory group-Broadband Alliance of Mendocino County (BAMC)	1-Jan-17	31-Dec-17	25%			
1.1.4 Involve community organizations and business groups with outreach, via in-person meetings and media(radio, newspapers, social media, website and extensive email list.	1-Jan-17	31-Dec-17	25%			
1.1.5 Issue special reports, news releases etc, as appropriate	1-Jan-17	31-Dec-17	25%			
1.1.6 Coordinate outreach/public participation in broadband legislative issues	1-Jan-17	31-Dec-17	25%			
1.2 Engage Community Leadership	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly report on Activity 1.2		
1.2.1 Keep county CEO and Supervisors briefed	1-Jan-17	31-Dec-17	25%			
1.2.2 The MBWG meets at least quarterly to develop goals and strategies for the Broadband Plan (Activity 3)	1-Jan-17	31-Dec-17	25%			
1.2.3 Hold open "special topic" meetings, as needed	1-Jan-17	31-Dec-17	25%			
1.2.4 Training and consulting of staff on website maintenance	1-Jan-17	31-Dec-17	25%			

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CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q3	Outcomes or Deliverable	CASF Grant Funds
Activity #2. Develop Last Mile community plans/projects	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly progress report on Activities 2.1 and 2.2	
				Steel & Personnel	\$ 1,530.00
2.1 Identify and Work with Grant Year 1 Target Communities	1-Jan-17	31-Dec-17	0%		
2.1.1 Albion	1-Jan-17	31-Dec-17	25%		
2.1.2 Westport	1-Jan-17	31-Dec-17	25%		
2.1.3 Road 409	1-Jan-17	31-Dec-17	25%		
2.1.4 Fort Bragg-exploration off PPP fiber network	1-Jan-17	31-Dec-17	25%		
2.1.5 Ukiah-exploration off PPP fiber	1-Jan-17	31-Dec-17	25%		
2.2 Work with Local "last mile" Providers to determine willingness to work with the communities	1-Jan-17	31-Dec-17		Deliverable Produce a report that documents the outcome of the efforts to match provides with the communities	
2.2.1 SeaKay	1-Jan-17	31-Dec-17	25%		
2.2.2 Mendocino Community Network	1-Jan-17	31-Dec-17	25%		
2.2.3 Central Valley Cable	1-Jan-17	31-Dec-17	25%		
2.2.4 Further Reach	1-Jan-17	31-Dec-17	25%		
2.2.5 AT&T	1-Jan-17	31-Dec-17	25%		
2.2.6 Frontier	1-Jan-17	31-Dec-17	25%		
2.2.7 Comcast	1-Jan-17	31-Dec-17	25%		
2.2.8 Sonic and Others	1-Jan-17	31-Dec-17	25%		

GRANT YEAR 1

CASF Funded Mendocino County Activities

<u>Quarterly Progress Report</u>

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q3	Outcomes or Deliverable	CASF Grant Funds
Activity #3. Develop the Goals and Strategies for the Broadband Plan	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00
3.1 Develop County Broadband Goals and Strategies	1-Jan-17	31-Dec-17		Deliverable--- Produce a Draft of the goals and strategies; Vet the draft; Finalize goals and strategies	
3.1.1 The County Working Group develops first draft of goals and strategies	1-Jan-17	30-Jun-17	0%		
3.1.2 Vet draft goals and strategies with county agencies, organizations, communities and broadband providers and obtain endorsements	1-Apr-17	1-Aug-17	40%		
3.1.3 Finalize Goals and Strategies	1-Sep-17	31-Oct-17	50%		
3.1.4 Present final Goals and Strategies to Board of Supervisors for adoption	1-May-17	30-Jun-17			
3.2 County develops Broadband Infrastructure/Design					
3.2.1 The Working Group develops draft design of needed infrastructure	1-Apr-17	31-Jul-17	100%		
3.2.2 Revisions to the design are made based on input from communities and providers	1-Jun-17	30-Sep-17	75%		
3.2.3 Complete Final version of needed infrastructure design	1-Oct-17	31-Oct-17		Deliverable--- Produce an Infrastructure Design	
3.2.4 Existing infrastructure is inventoried and over-laid on map	1-Nov-17	30-Nov-17			
3.2.5 Gaps between what is needed and what exists are identified	1-Nov-17	30-Nov-17			
3.2.6 Potential Projects are developed from identified gaps and prioritization	1-Dec-17	31-Dec-17		Deliverable--- Produce a report on priority project plans	

GRANT YEAR 1

CASF Funded Mendocino County Activities

<u>Quarterly Progress Report</u>

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q3	Outcomes or Deliverable	CASF Grant Funds
Activity #4. Involve and work with Telecommunications Providers	1-Jan-17	31-Dec-18		Deliverable--- Produce a semi-annual report on ongoing work with telecommunications providers	
				Steel & Personnel	\$ 1,530.00
4.1 Work with providers to have them share with the County their fiber routes and transparency in network resiliency	1-Jan-17	31-Dec-17	25%		
4.2 Work with providers to increase redundancy and diversity in their networks	1-Jan-17	31-Dec-17	25%		
4.3 Work with providers for improved communication procedures between them and the County	1-Jan-17	31-Dec-17	25%		
4.4 Have providers inform the County of changes to their offerings and plans to deploy broadband in the county	1-Jan-17	31-Dec-17	25%		
4.5 Document any outages to assess scope and impact on residents	1-Jan-17	31-Dec-17	25%		

GRANT YEAR 1

CASF Funded Mendocino County Activities

<u>Quarterly Progress Report</u>						
CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q3	Outcomes or Deliverable	CASF Grant Funds	
Activity #5---Participate and work on Consortium-wide activities	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 300.00	
5.1 Participate in development of NBNCBC Regional Infrastructure Plan	1-Jan-17	31-Dec-17	25%			
5.2 Participate in quarterly meetings of Oversight Committee	1-Jan-17	31-Dec-17	25%			
5.3 Share information of regional importance and contribute to semi-annual newsletter	1-Jan-17	31-Dec-17	25%			

**GRANT YEAR 1
CASF Funded Mendocino County Activities**

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CASF Funded Mendocino County Activities

THE FOLLOWING ARE THE CASF FUNDED ACTIVITIES EXTRACTED FROM THE COMPLETE MENDOCINO COUNTY WORK PLAN WITH NARRATIVE. IT IS AVAILABLE UPON REQUEST.

MENDOCINO COUNTY WORK PLAN-GRANT YEAR 1--4th Quarter October 1, 2017-December 31, 2017

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q4	Outcomes or Deliverable	CASF Grant Funds
Activity #1. Ensure Community Involvement	1-Jan-17	31-Dec-18		Steel & Personnel	\$ 1,530.00
1.1 Maintain Community Commitment	1-Jan-17	31-Mar-17		Deliverable--- Issue a quarterly report on Activity 1.1	
1.1.1 Appoint and activate the Broadband Planning Working Group	1-Jan-17	31-Mar-17	0%		
1.1.2 Inform county Supervisors, County CEO, staff from elected officials, and local government (including public safety) of Grant Years 1 and 2 Work Plans and the appointment of the Mendocino Broadband Working Group (MBWG)	1-Jan-17	31-Mar-17	0%		
1.1.3 Collaborate with the countywide advisory group-Broadband Alliance of Mendocino County (BAMC)	1-Jan-17	31-Dec-17	25%		
1.1.4 Involve community organizations and business groups with outreach, via in-person meetings and media(radio, newspapers, social media, website and extensive email list.	1-Jan-17	31-Dec-17	25%		
1.1.5 Issue special reports, news releases etc, as appropriate	1-Jan-17	31-Dec-17	25%		
1.1.6 Coordinate outreach/public participation in broadband legislative issues	1-Jan-17	31-Dec-17	25%		
1.2 Engage Community Leadership	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly report on Activity 1.2	
1.2.1 Keep county CEO and Supervisors briefed	1-Jan-17	31-Dec-17	25%		
1.2.2 The MBWG meets at least quarterly to develop goals and strategies for the Broadband Plan (Activity 3)	1-Jan-17	31-Dec-17	25%		
1.2.3 Hold open "special topic" meetings, as needed	1-Jan-17	31-Dec-17	25%		
1.2.4 Training and consulting of staff on website maintenance	1-Jan-17	31-Dec-17	25%		

GRANT YEAR 1

CASF Funded Mendocino County Activities

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CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q4	Outcomes or Deliverable	CASF Grant Funds
Activity #2. Develop Last Mile community plans/projects	1-Jan-17	31-Dec-18		Deliverable--- Issue a quarterly progress report on Activities 2.1 and 2.2	
				Steel & Personnel	\$ 1,530.00
2.1 Identify and Work with Grant Year 1 Target Communities	1-Jan-17	31-Dec-17	0%		
2.1.1 Albion	1-Jan-17	31-Dec-17	25%		
2.1.2 Westport	1-Jan-17	31-Dec-17	25%		
2.1.3 Road 409	1-Jan-17	31-Dec-17	25%		
2.1.4 Fort Bragg-exploration off PPP fiber network	1-Jan-17	31-Dec-17	25%		
2.1.5 Ukiah-exploration off PPP fiber	1-Jan-17	31-Dec-17	25%		
2.2 Work with Local "last mile" Providers to determine willingness to work with the communities	1-Jan-17	31-Dec-17		Deliverable Produce a report that documents the outcome of the efforts to match provides with the communities	
2.2.1 SeaKay	1-Jan-17	31-Dec-17	25%		
2.2.2 Mendocino Community Network	1-Jan-17	31-Dec-17	25%		
2.2.3 Central Valley Cable	1-Jan-17	31-Dec-17	25%		
2.2.4 Further Reach	1-Jan-17	31-Dec-17	25%		
2.2.5 AT&T	1-Jan-17	31-Dec-17	25%		
2.2.6 Frontier	1-Jan-17	31-Dec-17	25%		
2.2.7 Comcast	1-Jan-17	31-Dec-17	25%		
2.2.8 Sonic and Others	1-Jan-17	31-Dec-17	25%		

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CASF Funded Mendocino County Activities

<p><u>Quarterly Progress Report</u></p>

CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q4	Outcomes or Deliverable	CASF Grant Funds
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3.1 Develop County Broadband Goals and Strategies	1-Jan-17	31-Dec-17		Deliverable--- Produce a Draft of the goals and strategies; Vet the draft; Finalize goals and strategies	
3.1.1 The County Working Group develops first draft of goals and strategies	1-Jan-17	30-Jun-17	0%		
3.1.2 Vet draft goals and strategies with county agencies, organizations, communities and broadband providers and obtain endorsements	1-Apr-17	1-Aug-17	0%		
3.1.3 Finalize Goals and Strategies	1-Sep-17	31-Oct-17	50%		
3.1.4 Present final Goals and Strategies to Board of Supervisors for adoption	1-May-17	30-Jun-17	100%		
3.2 County develops Broadband Infrastructure/Design					
3.2.1 The Working Group develops draft design of needed infrastructure	1-Apr-17	31-Jul-17	0%		
3.2.2 Revisions to the design are made based on input from communities and providers	1-Jun-17	30-Sep-17	0%		
3.2.3 Complete Final version of needed infrastructure design	1-Oct-17	31-Oct-17	100%	Deliverable--- Produce an Infrastructure Design	
3.2.4 Existing infrastructure is inventoried and over-laid on map	1-Nov-17	30-Nov-17	100%		
3.2.5 Gaps between what is needed and what exists are identified	1-Nov-17	30-Nov-17	100%		
3.2.6 Potential Projects are developed from identified gaps and prioritization	1-Dec-17	31-Dec-17	100%	Deliverable--- Produce a report on priority project plans	

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CASF Funded Mendocino County Activities

Quarterly Progress Report

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				Steel & Personnel	\$ 1,530.00
4.1 Work with providers to have them share with the County their fiber routes and transparency in network resiliency	1-Jan-17	31-Dec-17	25%		
4.2 Work with providers to increase redundancy and diversity in their networks	1-Jan-17	31-Dec-17	25%		
4.3 Work with providers for improved communication procedures between them and the County	1-Jan-17	31-Dec-17	25%		
4.4 Have providers inform the County of changes to their offerings and plans to deploy broadband in the county	1-Jan-17	31-Dec-17	25%		
4.5 Document any outages to assess scope and impact on residents	1-Jan-17	31-Dec-17	25%		

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CASF Funded Mendocino County Activities

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CASF Funded Activities/Tasks	Start Date	Completion Date	% in Q4	Outcomes or Deliverable	CASF Grant Funds
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5.1 Participate in development of NBNCBC Regional Infrastructure Plan	1-Jan-17	31-Dec-17	25%		
5.2 Participate in quarterly meetings of Oversight Committee	1-Jan-17	31-Dec-17	25%		
5.3 Share information of regional importance and contribute to semi-annual newsletter	1-Jan-17	31-Dec-17	25%		

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CASF Funded Mendocino County Activities

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