Appendix A-4, ANNUAL WORK PLAN AND PERFORMANCE METRICS PLAN (see Sec 1.6 B)
[Consortium Members, create a separate work plan and performance metrics plan for each work plan year, if seeking multi-year funding]

Name of Consortium:	**San Joaquin Valley Regional Broadband Consortium**
Name of Project:	**San Joaquin Valley Regional Broadband Consortium**
Proposed Start Date of Project:	**7/1/2020**
Broadband deployment activities funded by other state or federal grants	NONE
Confirmation that CASF consortium budget does not duplicate any other sources of funding	**Confirmed** ☑ Check — Any ongoing projects do not have these specific deliverables.

Year 1 2020
[see instructions below for work plan terminology definitions and requirements]

Objective		Activity Description	Start-Up Activity	Deliverable(s) *	Beginning Month	End Month	Performance Measure(s)*	Method for Performance Tracking and Measuring	Responsible Party(ies)
Objective 1, Collaborating with the Commission to engage regional consortia, local officials, ISPs, stakeholders, and consumers regarding priority areas and cost-effective strategies to achieve the broadband access goal	Activity 1	Identify Broadband priorities or gaps within regional public health, education, economic, land use, transportation, emergency response, and workforce development plans.	☑	Create an 8 county region Inventory of local/regional plans that include broadband as a priority. Identify gaps in local/regional plans.	July	December	1. Develop one (1) San Joaquin Valley invetory of local and regional plans that include broadband as a priority 2. Collect speed test results on a yearly basis. 3. Present Regional Broadband Update to local elected officials, stakeholders and CBOs once a year during California Partnership for the San Joaquin Valley quarterly meeting. 4. Develop and collect public feedback by county via survey once a year.	1. Review and record language included in adopted planning documents. 2. Track variance between Urban vs Rural Broadband speeds vs monthly ISP plans. 3.Track community outreach through metrics on social media and website analytics. 4. Record and report on survey results.	OCED & SJVRBC Members
	Activity 2	Research and Identify local zoning and permitting issues and propose changes to streamline broadband expansion	☑	Catalogue draft language for broadband policies.	July	December			OCED & SJVRBC Members
	Activity 3	Work with CPUC and CSU Chico on the pilot to assure speed testing from the San Joaquin Valley results are incorporated into FCC mapping	☑	Position statements demonstrating need for ground truth speed testing results in mapping.	July	December			OCED & SJVRBC Members
	Activity 4	Conduct marketing and outreach for SJVRBC projects	☑	Coordinate direct marketing & outreach materials via Social Media platforms and website posts.	July	December			OCED & SJVRBC Members
	Activity 5	Administer public feedback survey related to broadband needs in the San Joaquin Valley.	☑	Develop and disseminate public feedback survey	July	December			OCED & SJVRBC Members
Objective 2, Identifying potential CASF infrastructure projects, along with other opportunities, where ISPs can expand and improve their infrastructure and service offerings to achieve the goal of reaching 98% broadband deployment in 8 county San Joaquin Valley region.	Activity 1	Inventory & map broadband infrastructure assets in the San Joaquin Valley, including fiber routes, nodes and wireless sites or assets that could support wireless infrastructure.	☑	Map(s) of assets by county	July	December	1. Develop one (1) map of broadband infrastructure assets. 2.At least eight (8) priority areas identified per year. 3. Develop one (1) map of broadband provider offerings by community, including key anchor institutions identified 4. A minimum of three (3) CASF infrastructure projects identified per year 5 Develop one (1) Inventory of partnership and funding opportunities by county.	1. Record, document and report mapping to community leaders, stakeholders, CBOs, and ISP(s) serving the San Joaquin Valley. 2. Use all data collected in other activities and work with ISPs to identify possible CASF projects.	OCED & SJVRBC Members
	Activity 2	Map broadband infrastructure gaps, using CPUC maps, speed testing, socioeconomic data, population density, and anchor institution customer/client place of residence (urban, rural, farm).	☑	Map(s) of gaps by county. Inventory broadband offering by community and key anchor institutions.	July	December			OCED & SJVRBC Members
	Activity 3	Identify priority areas, (Communities & Census tracts) for broadband infrastructure improvement based on gaps/assets assessments.	☑	Listing of priority areas (by county, community and census tracts), with rationale & justification.	July	December			OCED & SJVRBC Members
	Activity 4	Identify CASF infrastructure projects	☑	Proposals of CASF infrastructure projects	July	December			OCED & SJVRBC Members
	Activity 5	Identify other opportunities (i.e., leverage funding, collaborating with other stakeholders)	☑	Description of other partnership opportunities and potential funding mechanisms.	July	December			OCED & SJVRBC Members

Objective 3, Assisting CASF infrastructure applicants in the project development or grant application process	Activity 1	Develop and implement cost-effective strategies for broadband deployment based on available infrastructure and geographic barriers	☑	Broadband deployment costeffective strategy plan and strategy implementation progress reports.	July	December	1. Cost-effective strategies developed and implemented 2. Assist with three (3) infrastructure applications per year 3.Assist ISPs with information and data	1. Track current broadband plans 2 and 3. Assist with data needed for applications through speed tests, surveys, and letters of intent, support, etc; act as liaison with public.	OCED & SJVRBC Members
	Activity 2	Provide information and data about broadband availability and demand aggregation to ISPs; and inform them about CASF and assist them in identifying CASF project areas	☑	Progress reports on costeffective strategy implementation	July	December			OCED & SJVRBC Members
	Activity 3	Work with ISPs to develop projects and grant applications; assist in identifying match funding	☑	Grant applications completed with description of infrastructure application development.	July	December			OCED & SJVRBC Members
Objective 4, Conducting activities leading to CASF infrastructure applications	Activity 1	Support project permitting activities; promote "dig once" policies.	☑	Description of activities performed and results achieved	July	December	1. Support permit requests as they come up (tower builds, etc.) 2. Engage stakeholders; attend general plan update meetings; speak with utility companies and municipalities in 8 county region. 3. Encourage or assist to inventory public assets and aggregate demand updated as needed per county. 4. Track number of local jurisdictions engaged per county.	1. Contact municipalities; get on notice lists for permits; maintain database of permit requests. 2. Keep calendar of meetings and opportunities to engage stakeholders. 3. Collect data and maintain database of public assets.	OCED & SJVRBC Members
	Activity 2	Engage stakeholders to better understand and explain regional broadband needs and solutions.	☑	Description of activities performed and results achieved	July	December			OCED & SJVRBC Members
	Activity 3	Conduct an inventory of public assets and aggregate demand.	☑	Public assets inventory updates; regional broadband availability maps	July	December			OCED & SJVRBC Members
Objective 5, Assisting the Commission in publicizing requests for wireline testing volunteers in areas, as needed	Activity 1	Publicize wireline testing volunteer requests via social media platforms, advertisement and website posts.	☑	Publicizing materials and list of testing volunteers	July	December	1.Help facilitate wireline testing in 8 county San Joaquin Valley region with test hardware provided by CSU Chico; number to be determined by CSU Chico. 2.Produce mapping data updates identified as a result of testing; number dependent on actual wireline tests recorded.	Collect and maintain list of volunteers taking wireline tests; monitor calls from volunteers and report any relevant changes.	SJVRBC Members
	Activity 2	Assist volunteers in wireline testing and provide instructional support	☑	Multi Language Call Center support Via Fresno State Connect and wireline testing training materials; info posted on website in Spanish / English	July	December			SJVRBC Members
	Activity 3	Collect and analyze wireline testing data; provide data to update CPUC maps if discrepancies are discovered in testing.	☑	Wireline testing data analysis; test results indicating unserved or underserved areas in the 8 county region.	July	December			SJVRBC Members
Objective 6, Conducting and Submitting annual audit reports, as required	Activity 1	Coordinate communications and meetings within and external to the Consortium, including attending annual workshop	☑	Communications materials	July	December	n/a	n/a	OCED & SJVRBC Members
	Activity 2	Record, summarize, and deliver all information needed for progress reporting.	☑	Financial and performance reports.	July	December			OCED
	Activity 3	Provide the annual audit report.	☑	Annual audit report	July	December			CPA

Appendix A-4, ANNUAL WORK PLAN AND PERFORMANCE METRICS PLAN (see Sec 1.6 B)								
[Consortium Members, create a separate work plan and performance metrics plan for each work plan year, if seeking multi-year funding]								
Name of Consortium:	San Joaquin Valley Regional Broadband Consortium							
Name of Project:	San Joaquin Valley Regional Broadband Consortium							
Proposed Start Date of Project:	7/1/2020							
Broadband deployment activities funded by other state or federal grants	NONE							
Confirmation that CASF consortium budget does not duplicate any other sources of funding	Confirmed	☑ Check		Any ongoing projects do not have these specific deliverables.				

Year 2 2021
[see instructions below for work plan terminology definitions and requirements]

Objective		Activity Description	Start-Up Activity	Deliverable(s) *	Beginning Month	End Month	Performance Measure(s)*	Method for Performance Tracking and Measuring	Responsible Party(ies)
Objective 1, Collaborating with the Commission to engage regional consortia, local officials, ISPs, stakeholders, and consumers regarding priority areas and cost-effective strategies to achieve the broadband access goal	Activity 1	Update Broadband priorities or gaps within regional public health, education, economic, land use, transportation, emergency response, and workforce development plans.	☐	Create an 8 county region Inventory of local/regional plans that include broadband as a priority. Identify gaps in local/regional plans.	January	December	1. Update one (1) San Joaquin Valley invetory of local and regional plans that include broadband as a priority 2. Collect speed test results on a yearly basis. 3. Present Regional Broadband Update to local elected officials, stakeholders and CBOs once a year during California Partnership for the San Joaquin Valley quarterly meeting. 4. collect public feedback by county via survey once a year.	1. Review and record language included in adopted planning documents. 2. Track variance between Urban vs Rural Broadband speeds vs monthly ISP plans. 3.Track community outreach through metrics on social media and website analytics. 4. Record and report on survey results.	OCED & SJVRBC Members
	Activity 2	Update local zoning and permitting issues and propose changes to streamline broadband expansion	☐	Catalogue draft language for broadband policies.	January	December			OCED & SJVRBC Members
	Activity 3	Continue to Work with CPUC and CSU Chico on the pilot to assure speed testing from the San Joaquin Valley results are incorporated into FCC mapping	☐	Position statements demonstrating need for ground truth speed testing results in mapping.	January	December			OCED & SJVRBC Members
	Activity 4	Conduct marketing and outreach for SJVRBC projects	☐	Coordinate direct marketing & outreach materials via Social Media platforms and website posts.	January	December			OCED & SJVRBC Members
	Activity 5	Administer public feedback survey related to broadband needs in the San Joaquin Valley.	☐	Develop and disseminate public feedback survey	January	December			OCED & SJVRBC Members
Objective 2, Identifying potential CASF infrastructure projects, along with other opportunities, where ISPs can expand and improve their infrastructure and service offerings to achieve the goal of reaching 98% broadband deployment in 8 county San Joaquin Valley region.	Activity 1	Update inventory & map broadband infrastructure assets in the San Joaquin Valley, including fiber routes, nodes and wireless sites or assests that could support wireless infrastructure	☐	Map(s) of assets by county	January	December	1. Update one (1) map of broadband infrastructure assets. 2.At least eight (8) priority areas identified per year. 3. Update one (1) map of broadband provider offerings by community, including key anchor institutions identified 4. A minimum of three (3) CASF infrastructure projects identified per year 5 Develop one (1) Inventory of partnership and funding opportunities by county.	1. Record, document and report mapping to community leaders, stakeholders, CBOs, and ISP(s) serving the San Joaquin Valley. 2. Use all data collected in other activities and work with ISPs to identify possible CASF projects.	OCED & SJVRBC Members
	Activity 2	Update map broadband infrastructure gaps, using CPUC maps, speed testing, socioeconomic data, population density, and anchor institution customer/client place of residence (urban, rural, farm).	☐	Map(s) of gaps by county. Inventory broadband offering by community and key anchor institutions.	January	December			OCED & SJVRBC Members
	Activity 3	Update identified priority areas, (Communities & Census tracts) for broadband infrastructure improvement based on gaps/assets assessments.	☐	Listing of priority areas (by county, community and census tracts), with rationale & justification.	January	December			OCED & SJVRBC Members
	Activity 4	Identify CASF infrastructure projects	☐	Proposals of CASF infrastructure projects	January	December			OCED & SJVRBC Members
	Activity 5	Identify other opportunities (i.e., leverage funding, collaborating with other stakeholders)	☐	Description of other partnership opportunities and potential funding mechanisms.	January	December			OCED & SJVRBC Members

Objective	Activity	Description		Deliverables	Start	End	Performance Measures 1	Performance Measures 2	Responsible
Objective 3, Assisting CASF infrastructure applicants in the project development or grant application process	Activity 1	Develop and implement cost-effective strategies for broadband deployment based on available infrastructure and geographic barriers	☐	Broadband deployment costeffective strategy plan and strategy implementation progress reports.	January	December	1. Cost-effective strategies developed and implemented 2. Assist with three (3) infrastructure applications per year 3.Assist ISPs with information and data	1. Track current broadband plans 2 and 3. Assist with data needed for applications through speed tests, surveys, and letters of intent, support, etc; act as liaison with public.	OCED & SJVRBC Members
	Activity 2	Provide information and data about broadband availability and demand aggregation to ISPs; and inform them about CASF and assist them in identifying CASF project areas	☐	Progress reports on costeffective strategy implementation	January	December			OCED & SJVRBC Members
	Activity 3	Work with ISPs to develop projects and grant applications; assist in identifying match funding	☐	Grant applications completed with description of infrastructure application development.	January	December			OCED & SJVRBC Members
Objective 4, Conducting activities leading to CASF infrastructure applications	Activity 1	Support project permitting activities; promote "dig once" policies.	☐	Description of activities performed and results achieved	January	December	1. Support permit requests as they come up (tower builds, etc.) 2. Engage stakeholders; attend general plan update meetings; speak with utility companies and municipalities in 8 county region. 3. Encourage or assist to inventory public assets and aggregate demand updated as needed per county. 4. Track number of local jurisdictions engaged per county.	1. Contact municipalities; get on notice lists for permits; maintain database of permit requests. 2. Keep calendar of meetings and opportunities to engage stakeholders. 3. Collect data and maintain database of public assets.	OCED & SJVRBC Members
	Activity 2	Engage stakeholders to better understand and explain regional broadband needs and solutions.	☐	Description of activities performed and results achieved	January	December			OCED & SJVRBC Members
	Activity 3	Conduct an inventory of public assets and aggregate demand.	☐	Public assets inventory updates; regional broadband availability maps	January	December			OCED & SJVRBC Members
					January	December			OCED & SJVRBC Members
Objective 5, Assisting the Commission in publicizing requests for wireline testing volunteers in areas, as needed	Activity 1	Publicize wireline testing volunteer requests via social media platforms, advertisement and website posts.	☐	Publicizing materials and list of testing volunteers	January	December	1.Help facilitate wireline testing in 8 county San Joaquin Valley region with test hardware provided by CSU Chico; number to be determined by CSU Chico. 2.Produce mapping data updates identified as a result of testing; number dependent on actual wireline tests recorded.	Collect and maintain list of volunteers taking wireline tests; monitor calls from volunteers and report any relevant changes.	SJVRBC Members
	Activity 2	Assist volunteers in wireline testing and provide instructional support	☐	Multi Language Call Center support Via Fresno State Connect and wireline testing training materials; info posted on website in Spanish / English	January	December			SJVRBC Members
	Activity 3	Collect and analyze wireline testing data; provide data to update CPUC maps if discrepancies are discovered in testing.	☐	Wireline testing data analysis; test results indicating unserved or underserved areas in the 8 county region.	January	December			SJVRBC Members
Objective 6, Conducting and Submitting annual audit reports, as required	Activity 1	Coordinate communications and meetings within and external to the Consortium, including attending annual workshop	☐	Communications materials	January	December	n/a	n/a	OCED & SJVRBC Members
	Activity 2	Record, summarize, and deliver all information needed for progress reporting.	☐	Financial and performance reports.	January	December			OCED
	Activity 3	Provide the annual audit report.	☐	Annual audit report	January	December			CPA

Appendix A-4, ANNUAL WORK PLAN AND PERFORMANCE METRICS PLAN (see Sec 1.6 B)
[Consortium Members, create a separate work plan and performance metrics plan for each work plan year, if seeking multi-year funding]

Name of Consortium:	San Joaquin Valley Regional Broadband Consortium
Name of Project:	San Joaquin Valley Regional Broadband Consortium

Proposed Start Date of Project:	7/1/2020

Broadband deployment activities funded by other state or federal grants	NONE

Confirmation that CASF consortium budget does not duplicate any other sources of funding	Confirmed	☑ Check	Any ongoing projects do not have these specific deliverables.

Year 3 2022
[see instructions below for work plan terminology definitions and requirements]

Objective		Activity Description	Start-Up Activity	Deliverable(s) *	Beginning Month	End Month	Performance Measure(s)*	Method for Performance Tracking and Measuring	Responsible Party(ies)
Objective 1, Collaborating with the Commission to engage regional consortia, local officials, ISPs, stakeholders, and consumers regarding priority areas and cost-effective strategies to achieve the broadband access goal	Activity 1	Update Broadband priorities or gaps within regional public health, education, economic, land use, transportation, emergency response, and workforce development plans.	☐	Create an 8 county region Inventory of local/regional plans that include broadband as a priority. Identify gaps in local/regional plans.	January	December	1. Update one (1) San Joaquin Valley invetory of local and regional plans that include broadband as a priority 2. Collect speed test results on a yearly basis. 3. Present Regional Broadband Update to local elected officials, stakeholders and CBOs once a year during California Partnership for the San Joaquin Valley quarterly meeting. 4. collect public feedback by county via survey once a year.	1. Review and record language included in adopted planning documents. 2. Track variance between Urban vs Rural Broadband speeds vs monthly ISP plans. 3.Track community outreach through metrics on social media and website analytics. 4. Record and report on survey results.	OCED & SJVRBC Members
	Activity 2	Update local zoning and permitting issues and propose changes to streamline broadband expansion	☐	Catalogue draft language for broadband policies.	January	December			OCED & SJVRBC Members
	Activity 3	Continue to Work with CPUC and CSU Chico on the pilot to assure speed testing from the San Joaquin Valley results are incorporated into FCC mapping	☐	Position statements demonstrating need for ground truth speed testing results in mapping.	January	December			OCED & SJVRBC Members
	Activity 4	Conduct marketing and outreach for SJVRBC projects	☐	Coordinate direct marketing & outreach materials via Social Media platforms and website posts.	January	December			OCED & SJVRBC Members
	Activity 5	Administer public feedback survey related to broadband needs in the San Joaquin Valley.	☐	Develop and disseminate public feedback survey	January	December			OCED & SJVRBC Members
Objective 2, Identifying potential CASF infrastructure projects, along with other opportunities, where ISPs can expand and improve their infrastructure and service offerings to achieve the goal of reaching 98% broadband deployment in 8 county San Joaquin Valley region.	Activity 1	Update inventory & map broadband infrastructure assets in the San Joaquin Valley, including fiber routes, nodes and wireless sites or assests that could support wireless infrastructure.	☐	Map(s) of assets by county	January	December	1. Update one (1) map of broadband infrastructure assets. 2.At least eight (8) priority areas identified per year. 3. Update one (1) map of broadband provider offerings by community, including key anchor institutions identified 4. A minimum of three (3) CASF infrastructure projects identified per year 5 Develop one (1) Inventory of partnership and funding opportunities by county.	1. Record, document and report mapping to community leaders, stakeholders, CBOs, and ISP(s) serving the San Joaquin Valley. 2. Use all data collected in other activities and work with ISPs to identify possible CASF projects.	OCED & SJVRBC Members
	Activity 2	Update map broadband infrastructure gaps, using CPUC maps, speed testing, socioeconomic data, population density, and anchor institution customer/client place of residence (urban, rural, farm).	☐	Map(s) of gaps by county. Inventory broadband offering by community and key anchor institutions.	January	December			OCED & SJVRBC Members
	Activity 3	Update identified priority areas, (Communities & Census tracts) for broadband infrastructure improvement based on gaps/assets assessments.	☐	Listing of priority areas (by county, community and census tracts), with rationale & justification.	January	December			OCED & SJVRBC Members
	Activity 4	Identify CASF infrastructure projects	☐	Proposals of CASF infrastructure projects	January	December			OCED & SJVRBC Members
	Activity 5	Identify other opportunities (i.e., leverage funding, collaborating with other stakeholders)	☐	Description of other partnership opportunities and potential funding mechanisms.	January	December			OCED & SJVRBC Members

Objective 3, Assisting CASF infrastructure applicants in the project development or grant application process	Activity 1	Develop and implement cost-effective strategies for broadband deployment based on available infrastructure and geographic barriers	☐	Broadband deployment costeffective strategy plan and strategy implementation progress reports.	January	December	1. Cost-effective strategies developed and implemented 2. Assist with three (3) infrastructure applications per year 3.Assist ISPs with information and data	1. Track current broadband plans 2 and 3. Assist with data needed for applications through speed tests, surveys, and letters of intent, support, etc; act as liaison with public.	OCED & SJVRBC Members
	Activity 2	Provide information and data about broadband availability and demand aggregation to ISPs; and inform them about CASF and assist them in identifying CASF project areas	☐	Progress reports on costeffective strategy implementation	January	December			OCED & SJVRBC Members
	Activity 3	Work with ISPs to develop projects and grant applications; assist in identifying match funding	☐	Grant applications completed with description of infrastructure application development.	January	December			OCED & SJVRBC Members
Objective 4, Conducting activities leading to CASF infrastructure applications	Activity 1	Support project permitting activities; promote "dig once" policies.	☐	Description of activities performed and results achieved	January	December	1. Support permit requests as they come up (tower builds, etc.) 2. Engage stakeholders; attend general plan update meetings; speak with utility companies and municipalities in 8 county region. 3. Encourage or assist to inventory public assets and aggregate demand updated as needed per county. 4. Track number of local jurisdictions engaged per county.	1. Contact municipalities; get on notice lists for permits; maintain database of permit requests. 2. Keep calendar of meetings and opportunities to engage stakeholders. 3. Collect data and maintain database of public assets.	OCED & SJVRBC Members
	Activity 2	Engage stakeholders to better understand and explain regional broadband needs and solutions.	☐	Description of activities performed and results achieved	January	December			OCED & SJVRBC Members
	Activity 3	Conduct an inventory of public assets and aggregate demand.	☐	Public assets inventory updates; regional broadband availability maps	January	December			OCED & SJVRBC Members
					January	December			OCED & SJVRBC Members
Objective 5, Assisting the Commission in publicizing requests for wireline testing volunteers in areas, as needed	Activity 1	Publicize wireline testing volunteer requests via social media platforms, advertisement and website posts.	☐	Publicizing materials and list of testing volunteers	January	December	1.Help facilitate wireline testing in 8 county San Joaquin Valley region with test hardware provided by CSU Chico; number to be determined by CSU Chico. 2.Produce mapping data updates identified as a result of testing; number dependent on actual wireline tests recorded.	Collect and maintain list of volunteers taking wireline tests; monitor calls from volunteers and report any relevant changes.	SJVRBC Members
	Activity 2	Assist volunteers in wireline testing and provide instructional support	☐	Multi Language Call Center support Via Fresno State Connect and wireline testing training materials; info posted on website in Spanish / English	January	December			SJVRBC Members
	Activity 3	Collect and analyze wireline testing data; provide data to update CPUC maps if discrepancies are discovered in testing.	☐	Wireline testing data analysis; test results indicating unserved or underserved areas in the 8 county region.	January	December			SJVRBC Members
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	Activity 2	Record, summarize, and deliver all information needed for progress reporting.	☐	Financial and performance reports.	January	December			OCED
	Activity 3	Provide the annual audit report.	☐	Annual audit report	January	December			CPA