

# Compare Results

Old File:

**OK - BEAD Initial Proposal - Volume 1  
Submitted.pdf**

**20 pages (283 KB)**  
11/20/2023 3:15:04 PM

versus

New File:

**OK - BEAD Initial Proposal - Volume 1  
Final.pdf**

**22 pages (295 KB)**  
4/9/2024 1:38:11 PM

## Total Changes

**168**

Text only comparison

## Content

**106** Replacements  
**30** Insertions  
**32** Deletions

## Styling and Annotations

**0** Styling  
**0** Annotations

[Go to First Change \(page 2\)](#)

---

# INTERNET FOR

# ALL

## Initial Proposal

Volume I

## Oklahoma



U.S. Department of Commerce  
National Telecommunications and Information Administration

**Note:** *This document is intended solely to assist recipients in better understanding BEAD Initial Proposal and the requirements set forth in the Notice of Funding Opportunity (NOFO) for this program. This document does not and is not intended to supersede, modify, or otherwise alter applicable statutory or regulatory requirements, or the specific application requirements set forth in the NOFO. In all cases, statutory and regulatory mandates, and the requirements set forth in the NOFO, shall prevail over any inconsistencies contained in this document.*

## Table of Contents

<b>Volume I Initial Proposal Requirements .....</b>	<b>4</b>
<b>1.1 Existing Broadband Funding (Requirement 3).....</b>	<b>4</b>
<b>1.2 Unserved and Underserved Locations (Requirement 5) .....</b>	<b>4</b>
<b>1.3 Community Anchor Institutions (CAIs) (Requirement 6) .....</b>	<b>4</b>
<b>1.4 Challenge Process (Requirement 7) .....</b>	<b>7</b>

# Volume I Initial Proposal Requirements

## 1.1 Existing Broadband Funding (Requirement 3)

Identified in this section are the existing efforts funded by the federal government and the state of Oklahoma to deploy broadband and close the digital divide, including in tribal lands. The information in this list was sourced directly from partners and from publicly available documentation from the federal government, including NTIA's Federal Broadband Funding Dashboard. Any line marked N/A represents an amount currently unconfirmed by a federal agency to the office.

One purpose of the list is to direct BEAD funds away from areas that already have funding commitments. The list is intended to provide a comprehensive view of the Oklahoma Broadband Office's (OBO) strategy and resources. Some sources are listed because they are relevant to broadband policy in Oklahoma, even though they do not involve any funded broadband deployment commitments. This list will continue to be updated until the subgrantee selection process is underway to make sure no Oklahoma locations are double funded.

Note: If funding award amounts are not available for the current year, funding awards from 2022 will be used.

[PROVIDED IN A SEPARATE ATTACHMENT]

## 1.2 Unserved and Underserved Locations (Requirement 5)

Two .csv files are available for download (titled "unserved.csv" and "underserved.csv") listing unserved and underserved location IDs. The data is sourced from the most recent version of the FCC's National Broadband Map as of the compilation of this Initial Proposal. Specifically, the map version used was released on December 12, 2023.

The state of Oklahoma plans to use Version 2 of the Broadband Maps to identify unserved and underserved locations. Files were included categorizing the locations as follows:

Served: locations with speeds greater than 100 Mbps download and 20 Mbps upload (100/20)

Underserved: locations less than 100/20 Mbps and greater than or equal to 25/3 Mbps

Unserved: locations with speeds less than 25/3 Mbps

Note: Unlicensed fixed wireless and satellite are excluded.

Note: The publication date of the National Broadband Map does not predate the submission of Volume I of the Initial Proposal by more than 59 days.

## 1.3 Community Anchor Institutions (CAIs) (Requirement 6)

### 1.3.1 Identification of CAIs

Based on the statutory definition of "community anchor institution" as defined in 47 USC 1702 (a)(2)(E), the OBO applied the definition of "community anchor institution" to mean a school, library, health clinic, health center, hospital or other medical provider, public safety entity, institution of higher education, public housing organization (including any public housing agency, HUD-assisted housing organization, or tribal housing organization), or community support organization that facilitates greater use of broadband service by vulnerable populations, including low-income

individuals, unemployed individuals, children, the incarcerated, and aged individuals.

The categories of CAIs are below:

- **Schools:** K-12 schools include those that participate in the FCC's E-Rate program or have a National Center for Education Statistics (NCES) ID in the categories of "public schools" or "private schools."
- **Libraries:** Libraries include those that participate in the FCC's E-Rate program, are American Library Association (ALA) member libraries and their branches, and those on record with the State Librarian.
- **Health clinic, health center, hospital, or other medical providers:** The list includes hospitals, nursing homes, assisted living, public health departments, urgent care facilities, veteran's medical facilities, and Indian Health Services.
- **Public safety entity:** The list includes EMS, fire stations, emergency communication centers, and law enforcement.
- **Institutions of higher education:** The list includes public and private colleges, community colleges, and technology centers.
- **Public housing organizations:** Public housing organizations were identified by contacting the Public Housing Agencies (PHA) for the state or territory enumerated by the U.S. Department of Housing and Urban Development. The nonprofit organizations, the Public and Affordable Housing Research Corporation (PAHRC), and the National Low-Income Housing Coalition maintain a database of nationwide public housing units at the National Housing Preservation Database (NHPD). The housing units were not included as CAIs, but the organizations that manage and support them in the public interest were included.
- **Community support organization:** The list includes places of worship, community centers, senior centers, workforce centers, veteran centers, economic opportunity entities, YMCAs, and local, state, federal, and tribal government buildings. The list of government buildings includes courthouses, correctional facilities, community correction offices, and tribal headquarters, among other local and regional government locations who provide free assistance to the public for state and federal programs. The OBO included any organization, building, or location that facilitates greater use of broadband service by vulnerable populations, including low-income individuals, children, veterans, the unemployed, incarcerated, and aging individuals.

Beyond the original definition of a CAI as defined by NTIA, the OBO has added incarcerated populations and a series of community support organizations, as outlined above. According to the National Institute of Corrections, in 2020, Oklahoma had 93 jails in 77 counties. The state's incarcerated population totaled 22,462 across all state prisons<sup>1</sup>. Due to the high number of incarcerations in Oklahoma, this population shall be included to ensure equity and inclusion. State-owned prisons will be included in Oklahoma's list of CAIs as there are existing and emerging digital literacy programs within several of the prison locations.

Additionally, the Oklahoma Department of Corrections is deploying tablets to inmates in facilities across the state to promote educational and social development. Correctional facilities operate under strict guidelines and policies which also dictate the tablet deployment program. Tablets come with shatter proof glass and educational and communication-specific apps. Tablets connect to a private network and are monitored in real time to prevent any misuse. The tablet program

---

<sup>1</sup> Criminal Justice System Statistics in Oklahoma 2020, National Institute of Corrections (2020).

promotes educational advancement, greater communication with family, and general activity to keep inmates occupied and technologically advanced while incarcerated.

By leveraging broadband services and programs in correctional facilities across the state, the OBO hopes to reduce the recidivism rate of justice-involved persons and promote digital acumen among the incarcerated population of Oklahoma. By expanding the original definition to include incarcerated populations, the OBO recognizes the role correctional facilities play in providing education, health care, and workforce support services to inmates, all of which are driven by broadband reliant programs. These programs play a pivotal role in addressing the digital skill deficit often seen in correctional facilities.

Additionally, the OBO considers community centers (specialized or unspecialized), places of worship, government buildings, and workforce opportunity programs part of this category given their unique propensity for conducting and providing digital skills training, offering public computing centers, or offering general digital navigation support to the community. Economic opportunity centers are also classified as CAIs given they provide digital skills training or other workforce-related services to the community. Childcare centers and YMCAs are included as young children can learn digital skills and technology platforms that will enhance their education opportunities at these institutions. Childcare centers and YMCAs often have multiple children engaging in online applications and completing school assignments concurrently, requiring increased bandwidth. Including these centers helps to address the homework gap, allowing children who may not have access at home opportunities to get online. Through local, regional, and statewide stakeholder engagement, the OBO identified the key programs and entities working in communities to close the digital divide and found community centers, places of worship, government buildings, childcare facilities, and workforce programs to be key drivers of digital learning and exposure, especially in rural communities and with covered populations. The community support organizations are reflective of the community work happening across the state in accord with the needs of Oklahomans specific to digital inclusion. Specifically, government buildings were found to offer specialized help for residents who needed to enroll in the Affordable Connectivity Program (ACP) or access other federal and state subsidy programs with online registration portals. Not all Oklahomans have internet access at home, an internet-enabled device, or the skills to safely navigate online applications. These buildings serve as the point of outreach for residents who need local help from friendly and trusted faces to access online platforms and programs. Further, government buildings, such as the Oklahoma Employment Security Commission (OESC), offer dedicated assistance for workforce development programs. There are numerous OESC offices across the state who provide specialized workforce training for individuals and employers alike.

Community centers, places of worship, economic opportunity centers, and senior centers offer help with ACP enrollment, social security and unemployment benefits, and SNAP program enrollment for aging individuals and those with limited mobility. These locations also play a vital role in helping residents apply for jobs, update resumes, and obtain tech certifications which are valuable for marketing job readiness. Veteran centers provide similar digital support with specialized attention to VA-specific benefits and needs, such as scheduling appointments at the nearest VA hospital or helping with prescription refills. As previously noted, jails and prisons across the state offer tablet programs tailored to the technological capabilities of inmates to help reduce the rate of recidivism and drive education and workforce development.

Data for CAI locations was obtained from the Oklahoma GIS Department, Ready.Net, and the FCC

Broadband Map. This data was gathered from several state agencies that own or operate and maintain telecommunications infrastructures. These agencies include the Oklahoma State Regents for Higher Education, Office of Management and Enterprise Services, Oklahoma Department of Transportation, and the Oklahoma Turnpike Authority. This data was also gathered during that time from OneNet, who operated and maintained the Oklahoma Community Anchor Network – the fiber infrastructure that was constructed with federal funding through the Broadband Technology Opportunities Program. Ready.Net gathered their data using their Serviceable Location-level Insights, Secondary Addresses, and Anchor Institution Data program that was launched in November 2022.

These CAI locations were also gathered and certified in person during the OBO’s state-wide Let’s Get Digital tour, and other outreach activities in which the OBO encouraged local businesses to participate in the comment period to ensure these locations were complete, inclusive, and serviceable and/or eligible to be serviceable to 1 Gbps.

### 1.3.2 CAI list

One .csv file is available for download (titled “cai.csv”) with the current list of CAI locations, location ID, and /or latitude and longitude, and eligibility. Given the timing of this Volume I comment period, the OBO encourages internet service providers (ISPs) to use the public comment process to populate available service speeds. Other information received during the public comment period may be in the form of additional CAI locations, recommended deletions, or a confirmation from CAIs if a 1 Gbps symmetrical service is desired. Any entities requiring clarification or detail will be pursued by the OBO following the public comment period for updates prior to the submission of Volume I to include validations that this list of eligible CAI locations is complete and that 1 Gbps is required at each CAI location. Additionally, during Oklahoma’s Digital Promise listening tour dates, where applicable, individuals representing CAI were encouraged to examine the proposed CAI list.

## 1.4 Challenge Process (Requirement 7)

### 1.4.1 NTIA BEAD Model Challenge Process Adoption

The state of Oklahoma has elected to adopt NTIA’s challenge process for BEAD funding.

### 1.4.2 Modifications to the National Broadband Map

The OBO will treat locations that the National Broadband Map shows to have available qualifying broadband service (i.e., a location that is “served”) delivered via DSL as “underserved.” This modification will better reflect the locations eligible for BEAD funding because it will facilitate the phase-out of legacy copper facilities and ensure the delivery of “future-proof” broadband service. This designation cannot be challenged or rebutted by the provider.

In addition, the OBO will modify the National Broadband Map to reflect evidence from FCC challenges, as explained below.

### 1.4.3 BEAD Eligible Entity Planning Toolkit

The state of Oklahoma has also elected to adopt the BEAD Eligible Entity Planning Toolkit to identify existing federal enforceable commitments.

### 1.4.4 Enforceable Commitments Identification

Additionally, the OBO will put the challenge process opportunity out for bid via an RFP. It is anticipated that potential vendors will be requested to fulfill the requirement of the BEAD Eligible Entity Planning Toolkit, along with building a challenge submission portal, challenge process

management software, and assisting the OBO with managing and adjudicating challenges. The OBO will enumerate locations subject to enforceable commitments by using the BEAD Eligible Entity Planning Toolkit, and consult at least the following data sets:

1. The Broadband Funding Map published by the FCC pursuant to IIJA § 60105.
2. Data sets from state broadband deployment programs that rely on funds from the Capital Projects Fund and the State and Local Fiscal Recovery Funds administered by the U.S. Treasury.
3. Oklahoma and local data collections of existing enforceable commitments.

The OBO will make its best effort to create a list of BSLs subject to enforceable commitments based on state/territory or local grants or loans. If necessary, the OBO will translate polygons or other geographic designations (e.g., a county or utility district) describing the area to a list of Fabric locations. The OBO will submit this list, in the format specified by the FCC Broadband Funding Map, to NTIA.

The OBO will review its repository of existing state and local broadband grant programs to validate the upload and download speeds of existing binding agreements to deploy broadband infrastructure. In situations in which the state or local program did not specify broadband speeds, or when there was reason to believe an ISP deployed higher broadband speeds than required, the OBO will reach out to the provider to verify the deployment speeds of the binding commitment.

The OBO will document this process by requiring ISPs to sign a binding agreement certifying the actual broadband deployment speeds.

The OBO drew on these ISP agreements, along with its existing database on state and local broadband funding programs' binding agreements, to determine the set of state and local enforceable commitments.

#### **1.4.5 Enforceable Commitments List**

Oklahoma has created a list of federal, state, and local enforceable commitments, which can be found in the table in Section 1.1.

#### **1.4.6 Challenge Process Design**

Oklahoma has developed a plan for implementing the BEAD challenge process. In addition to the federal BEAD guidance from the NTIA, the OBO must also implement state statutes that require a broadband mapping portal informed by a challenge process. Oklahoma's HB 3363 of 2021, entitled the Rural Broadband Expansion Act, established the state broadband office's responsibilities, which include broadband mapping, and the following requirement:

The OBO shall establish policy as needed to implement a process whereby impacted parties may challenge or protest data and information published on the OBO's mapping system. The process shall include, but not be limited to, features that:

1. Are heard and ruled on at the OBO level;
2. Provide for a ruling by the OBO within sixty (60) days of the submitted challenge or protest; and
3. Upon successful protest action, result in a timely correction of the map.

Both the state statute and the BEAD guidance indicate that there be a challenge process to verify the accuracy of broadband coverage data. The BEAD guidance indicates that valid challengers are local governments, community organizations, which include CAIs and nonprofit organizations, and ISPs. In contrast, HB 3363 of 2021 requires that impacted parties, including residents and businesses, may challenge the map.

The OBO developed a challenge process for the state broadband map that satisfies both state and federal requirements.

The OBO challenge process will start with a broadband mapping portal, where Oklahoma citizens and entities can view the state's best information about the status of broadband coverage at every location in the state. This data will be based on the FCC map.

The portal will allow Oklahomans to report any incorrect information concerning broadband coverage and identification of CAIs. As the reports come in, local public officials will be alerted to take action in the portal to submit the challenges. Information for portal users will be provided when the tool goes live that will elucidate how the challenge process will work, the initial description of which is provided in narrative form here. These local public officials, specifically municipal, county, and tribal, will then be classified as the "challenger" for purposes of a BEAD-compliant process and are encouraged but not required to participate in this BEAD challenge process. Citizen challenges on which the local government declines to act will not be considered by the OBO. Local governments will not be required to conduct independent evidentiary reviews before submitting challenges but may choose to trust that citizens have used the challenge portal properly.

A user-friendly form will allow users to initiate a correction (or challenge) to the map. The form will mark the address with incorrect information, input a proposed correction, and provide evidence to support the challenge. The challenge may be in response to coverage or CAI. All the information submitted will be retained and organized in the back end of the mapping portal. A notification or receipt will be provided to the user submitting the claim. At this stage in the process, no alteration in the public map will occur.

The OBO foresees a possibility, given that multiple organizations have standing to submit challenges for any given location, it may receive multiple overlapping challenges that utilize the same evidence. As we do not expect this to occur frequently, no safeguards have been built into the process to ensure providers do not receive redundant challenges. However, (a.) the OBO may consolidate challenges, on a discretionary basis, if they appear clearly duplicative, and (b.) providers may submit the same rebuttal information in response to multiple challenges that are based on the same evidence. Citizen-originated challenges through the portal are not expected to result in any duplicative challenges since they will be channeled through local governments in a rule-based way.

In compliance with the BEAD guidance, a proposed correction must be channeled through a select set of valid challengers, namely (a.) local governments as represented by duly constituted officials, (b.) community organizations, and (c.) internet service providers (ISPs). Citizen-originated corrections to the map are not processed as challenges until local governments are notified, review the evidence provided, endorse, and submit the challenge. All local public officials with potential to be valid challengers will be contacted. When local public officials see incoming citizen-originated supporting evidence for a challenge, they will be able to immediately endorse the challenge evidence and initiate the challenge process case.

Once a challenge is submitted, the appropriate respondent will be notified and invited to sustain or rebut the challenge by providing evidence. If a rebuttal with evidence is received, the OBO will review the evidence and determine whether to sustain or dismiss the challenge.

More details about the challenge process, illustrating alignment with the BEAD Model Challenge Process as proposed by the NTIA, are listed in the following sections.



Based on the NTIA BEAD Challenge Process Policy Notice, as well as the OBO understanding of the goals of the BEAD program, the proposal represents a transparent, fair, expeditious, and evidence-based challenge process.

## Permissible Challenges

The OBO will allow challenges only on the following grounds:

- The identification of eligible CAIs, as defined by the OBO,
- CAI BEAD eligibility determinations,
- BEAD eligibility determinations for existing broadband serviceable locations (BSLs),
- Enforceable commitments, or
- Planned service.

## Permissible Challengers

During the BEAD Challenge Process, the OBO will allow challenges from only nonprofit organizations, units of local and tribal governments, and ISPs.

## Challenge Process Phases

The challenge process conducted by the broadband office will include four phases, spanning 120 calendar days:

1. Publication of Eligible Locations: Prior to beginning the Challenge Phase, the OBO will publish the set of locations eligible for BEAD funding, which consists of the locations resulting from the activities outlined in Sections 5 and 6 of the NTIA BEAD Challenge Process Policy Notice (e.g., administering the deduplication of funding process). The OBO will also publish locations considered served, as they may be challenged. (This event should occur shortly after the approval of the Initial Proposal, and the event will trigger Day 0 of the Challenge Process. Tentatively planned for March 1, 2024)
2. Challenge Phase: During the Challenge Phase, which will last for 30 calendar days, the challenger will submit the challenge through the OBO challenge portal. This challenge will be visible to the ISP whose service availability and performance is being contested. The portal will notify the ISP of the challenge through an automated email, which will include related information about timing for the ISP's response. After this stage, the location will enter the "challenged" state. (Planned for Day 0 to Day 45 of the Challenge Process, including the OBO initial assessment of the evidence. Tentatively planned for March 1 through April 15, 2024)
  - a. Minimum Level of Evidence Sufficient to Establish a Challenge: The challenge portal will verify that the address provided can be found in the Fabric and is a BSL. The challenge portal will confirm that the challenged service is listed in the National Broadband Map and meets the definition of reliable broadband service. The challenge will confirm that the email address is reachable by sending a confirmation message to the listed contact email. (Note: The portal will not have any OCR capability.) For availability challenges, the OBO will manually verify that the

- evidence submitted falls within the categories stated in the NTIA BEAD Challenge Process Policy Notice and the document is unredacted and dated. (The OBO review of evidence is planned to be completed during Day 30 to Day 45 of the Challenge Process, estimated March 31 through April 15, 2024)
- b. Timeline: Challengers will have 30 calendar days to submit a challenge from the time the initial list of unserved and underserved locations, CAIs, and existing enforceable commitments are posted. (Planned for Day 0 to Day 30 of the Challenge Process, or, tentatively, March 1 through March 30, 2024)
3. Rebuttal Phase: Only the challenged ISP may rebut the reclassification of a location or area with evidence, causing the location or locations to enter the “disputed” state. If a challenge that meets the minimum level of evidence is not rebutted, the challenge is sustained. An ISP may also agree with the challenge and thus transition the location to the “sustained” state. ISPs must regularly check the challenge portal notification method (e.g., email) for notifications of submitted challenges.
    - a. Timeline: ISPs will have 30 calendar days from notification of a challenge to provide rebuttal information to the OBO. (Planned for Day 45 to Day 59 of the Challenge Process, or tentatively, April 15 through April 29, 2024)
  4. Final Determination Phase: During the Final Determination phase, the OBO will make the final determination of the classification of the location, either declaring the challenge “sustained” or “rejected.”
    - a. Timeline: Following intake of challenge rebuttals, the OBO will make a final challenge determination within 76 calendar days of the challenge rebuttal. Reviews will occur on a rolling basis, as challenges and rebuttals are received. (Planned for Day 59 to Day 120 of the Challenge Process, or April 30 through June 30, 2024)

## Evidence & Review Approach

To ensure that each challenge is reviewed and adjudicated based on fairness for all participants and relevant stakeholders, the OBO will review all applicable challenge and rebuttal information in detail without bias, before deciding to sustain or reject a challenge. The OBO will document the standards of review to be applied in a Standard Operating Procedure and will require reviewers to document their justification for each determination. The OBO plans to ensure that reviewers have sufficient training to apply the standards of review uniformly to all challenges submitted. The OBO will also require that all reviewers submit affidavits to ensure that there is no conflict of interest in making challenge determinations.

A classification of challenge types is presented in the table below. Note that, in some cases, the intended provider of evidence for rebuttal is not clear, so the task of providing rebuttals where appropriate will fall on the OBO itself.

Code	Challenge Type	Description	Specific Examples	Permissible rebuttals
A	Availability	The broadband service identified is not offered at the location, including a unit of a multiple dwelling unit (MDU).	<ul style="list-style-type: none"> <li>- Screenshot of ISP webpage.</li> <li>- A service request was refused within the last 180 days (e.g., an email or letter from ISP).</li> <li>- Lack of suitable infrastructure (e.g., no fiber on pole).</li> <li>- A letter or email dated within the last 365 days that an ISP</li> </ul>	<ul style="list-style-type: none"> <li>- ISP shows that the location subscribes or has subscribed within the last 12 months, e.g., with a copy of a customer bill.</li> <li>- If the evidence was</li> </ul>

			failed to schedule a service installation or offer an installation date within 10 business days of a request. <sup>2</sup> - A letter or email dated within the last 365 days indicating that an ISP requested more than the standard installation fee to connect this location, or that an ISP quoted an amount more than the ISP's standard installation charge to connect service at the location.	a screenshot and believed to be in error, a screenshot that shows service availability. - The ISP submits evidence that service is now available as a standard installation, e.g., via a copy of an offer sent to the location.
D	Data cap	The only service plans marketed to consumers impose an unreasonable capacity allowance ("data cap") on the consumer. <sup>3</sup>	- Screenshot of ISP webpage. - Service description provided to consumer.	ISP has terms of service showing that it does not impose an unreasonable data cap or offers another plan at the location without an unreasonable cap.
T	Technology	The technology indicated for this location is incorrect.	Manufacturer and model number of residential gateway (CPE) that demonstrates the service is delivered via a specific technology.	ISP has countervailing evidence from its network management system showing an appropriate residential gateway that matches the provided service.
B	Business service only	The location is residential, but the service offered is marketed or available only to businesses.	Screenshot of ISP webpage.	ISP documentation that the service listed in the BDC is available at the location and is marketed to consumers.
E	Enforceable commitment <sup>4</sup>	The challenger has knowledge that broadband will be	Enforceable commitment by service provider (e.g., authorization letter). In the	Documentation that the ISP has defaulted on the

<sup>2</sup> A standard broadband installation is defined in the Broadband DATA Act (47 U.S.C. § 641(14)) as "[t]he initiation by a provider of fixed broadband internet access service [within 10 business days of a request] in an area in which the provider has not previously offered that service, with no charges or delays attributable to the extension of the network of the provider."

<sup>3</sup> An unreasonable capacity allowance is defined as a data cap that falls below the monthly capacity allowance of 600 GB listed in the FCC 2023 Urban Rate Survey (FCC Public Notice DA 22-1338, December 16, 2022). Alternative plans without unreasonable data caps cannot be business-oriented plans not commonly sold to residential locations. A successful challenge may not change the status of the location to unserved or underserved if the same provider offers a service plan without an unreasonable capacity allowance or if another provider offers reliable broadband service at that location.

<sup>4</sup> In a Challenge Process Policy Notice that was released by the NTIA, a suggestion was made that states might enable ISPs with binding commitments to deploy internet service at speeds less than 100/20 might be allowed to escalate their service commitments to 100/20 through binding agreements with the state, thereby removing the locations from BEAD eligibility. An earlier version of this Initial

		deployed at this location by the date established in the deployment obligation.	case of Tribal Lands, the challenger must submit the requisite legally binding agreement between the relevant Tribal Government and the service provider for the location(s) at issue (see Section 6.2 above).	commitment or is otherwise unable to meet the commitment (e.g., is no longer a going concern).
P	Planned service	The challenger has knowledge that broadband will be deployed at this location within 12 months from the launch of the challenge process, without an enforceable commitment or an ISP is building out broadband offering performance beyond the requirements of an enforceable commitment.	<ul style="list-style-type: none"> <li>- Construction contracts or similar evidence of ongoing deployment, along with evidence that all necessary permits have been applied for or obtained.</li> <li>- Contracts or a similar binding agreement between the OBO and the ISP committing that planned service will meet the BEAD definition and requirements of reliable and qualifying broadband even if not required by its funding source (i.e., a separate federal grant program), including the expected date deployment will be completed, which must be within 12 months from the launch of the challenge process.</li> </ul>	Documentation showing that the ISP is no longer able to meet the commitment (e.g., is no longer a going concern) or that the planned deployment does not meet the required technology or performance requirements.
N	Not part of enforceable commitment	This location is in an area that is subject to an enforceable commitment to less than 100% of locations, and the location is not covered by that commitment. (See BEAD NOFO at 36, n. 52.)	Declaration by ISP subject to the enforceable commitment.	
C	Location is a CAI	The location should be classified as a CAI.	Evidence that the location falls within the definitions of CAIs set by the OBO <sup>5</sup> .	Evidence that the location does not fall within the definitions of CAIs set by the OBO or is no longer

Proposal, Volume I contained language signaling that OBO was considering adopting this suggestion. Upon further investigation, however, this approach was found to be too difficult and abandoned, so only enforceable deployment commitments at speeds of 100/20 will affect BEAD eligibility. The OBO may consider removing areas from BEAD eligibility on the basis of enforceable commitments that originally involved deployment obligations at speeds of under 100/20, if the counterparties to those commitments are able, themselves, to renegotiate the relevant agreements in order to escalate the deployment commitment to 100/20.

<sup>5</sup> For example, eligibility for FCC E-rate or Rural Health Care program funding or registration with an appropriate regulatory agency may constitute such evidence, but the Eligible Entity may rely on other reliable evidence that is verifiable by a third party.

				in operation.
R	Location is not a CAI	The location is currently labeled as a CAI but is a residence, a non-CAI business, or is no longer in operation.	Evidence that the location does not fall within the definitions of CAIs set by the OBO or is no longer in operation.	Evidence that the location falls within the definitions of CAIs set by the OBO or is still operational.

Concerning Planned Service Commitments, the OBO's challenge process language departs from the BEAD Model Challenge Process released by the NTIA, in that it sets a later deadline for ISPs with existing planned service commitments to complete their planned deployments. Given the likelihood of a funding shortfall in Oklahoma for funding deployment to all unserved and underserved locations, it's important for the OBO to take advantage of as many already planned deployments as possible to achieve the goal of statewide coverage. The deadline for completing deployments covered by planned service commitments in the BEAD Model Challenge Process is June 30, 2024. This gives ISPs with planned deployments underway very little time to complete their proposed network builds. In many cases, it might result in bona fide deployments in progress to fail to satisfy the criteria for planned service commitments and being targeted for overbuilding by BEAD-subsidized projects. With scarce BEAD funds and many locations to cover statewide, Oklahoma cannot afford to subsidize overbuilding.

Accordingly, in response to public comment feedback and building on its own institutional grantmaking experience, the OBO is setting a deadline of 12 months from the launch of the challenge process for planned service deployments to be completed. At the time the challenge process launches, ISPs with deployments underway should analyze their progress and prospects and determine whether they can commit to completing deployment within one full year from that time, and if so, they can submit planned service challenges and ensure that they have time to complete deployment, and that scarce BEAD funds will be directed to other areas.

#### 1.4.6.m Optional Challenge Module: Area and MDU Challenge

NOTE: The state of Oklahoma plans to adopt and implement the optional challenge module referred to in the Initial Proposal Guidance as "Area and MDU Challenges," and described as follows:

The OBO plans to administer area and multi-dwelling units (MDU) challenges for challenge types A, D, and T. An area challenge reverses the burden of proof for availability, data caps, and technology if a defined number of challenges for a particular category, across all challengers, have been submitted for an ISP. Thus, the ISP receiving an area challenge or MDU must demonstrate that they are indeed meeting the availability, data cap, and technology requirement, respectively, for all (served) locations within the area or all units within an MDU. The ISP can use any of the permissible rebuttals listed above.

An area challenge is triggered if six or more BSLs using a particular technology and a single ISP within a census block group are challenged.

An MDU challenge requires challenges for one unit for MDUs having fewer than 15 units, for two units for MDUs of between 16 and 24 units, and at least three units for larger MDUs. Here, the MDU is defined as one BSL listed in the Fabric. (For example, a complex of apartment buildings may be represented by multiple BSLs in the Fabric.) An MDU challenge counts towards an area challenge (i.e., six successful MDU challenges in a census block group may trigger an area challenge).

Each type of challenge and each technology and ISP is considered separately, i.e., an availability challenge (A) does not count toward reaching the area threshold for a technology (T) challenge. If an ISP offers multiple technologies, such as DSL and fiber, each is treated separately since they are likely to have different availability and performance.

Area challenges for availability need to be rebutted in whole or by location with evidence that service is available for all BSLs within the census block group, e.g., by network diagrams that show fiber or HFC infrastructure or by subscriber information. For fixed wireless service, the challenge system will offer representative random, sample of the area in contention, but no fewer than 10, where the ISP must demonstrate service availability and speed (e.g., with a mobile test unit).<sup>[1]</sup> For MDU challenges, the rebuttal must show that the inside wiring is reaching all units and is of sufficient quality to support the claimed level of service.

Justification for OBO modification of Model Challenge Process language with respect to inclusion of S and L type challenges: OBO chose not to adopt speed tests as an allowable form of challenge evidence due to certain technical challenges, and therefore these challenge types are also omitted from OBO's implementation of the Area and MDU Challenge Module.

Area challenges for availability need to be rebutted with evidence that service is available for all BSLs within the census block group, e.g., by network diagrams that show fiber or HFC infrastructure or customer subscribers. For fixed wireless service, the challenge system will offer representative random samples of the area in contention, but at least 10, where the ISP has to demonstrate service availability and speed (e.g., with a mobile test unit). While the OBO anticipates that challenges may become a part of both described area challenges, the OBO plans to use an automated system to ensure that duplicative efforts are kept to a minimum during the rebuttal period.

<sup>[1]</sup> A mobile test unit is a testing apparatus that can be easily moved, which simulates the equipment and installation (antenna, antenna mast, subscriber equipment, etc.) that would be used in a typical deployment of fixed wireless access service by the provider.

## State Modification: Tract Challenges

In addition, a tract area challenge is triggered if 30 or more BSLs using a particular technology and a single ISP within a census tract, including at least one location in every census block group within that census tract, are challenged. 30 challenges per tract will typically represent a slightly larger share of the BSLs in a tract, relative to the share of BSLs in a census block group that is comprised by ten challenges. Oklahoma has 1,046 Census tracts, 2,965 Census block groups, and 269,118 Census blocks.

Explanation for the OBO amendment: This amendment to the area challenge extends its logic to encompass cases of more geographically extensive misreporting. Because two locations in a census block group will generally be more similar than two locations in a census tract, a higher standard of evidence will be required to establish the likelihood that the location is underserved in terms of the number of locations. That is why a higher density of evidence, in the sense of the ratio of challenges to locations, is required to be higher for tract relative to area challenges.

## State Challenge Modifications to Leverage FCC Challenge Process

### State Modification: FCC Area Modifications

The OBO will treat locations within a census block group that the National Broadband Map shows to be served as unserved or underserved if, during the challenge process, a challenger submits evidence that (1) six or more broadband serviceable locations using a particular technology and a single ISP within a census block group were subject to successful availability challenges through the FCC's challenge process and (2) the location would be unserved or underserved if not for the challenged service. The location's status would change to the status that would have been assigned to the location without the challenged service. Challenge records may be taken from [broadbandmap.fcc.gov/data-download/challenge-data](https://broadbandmap.fcc.gov/data-download/challenge-data).

The following entries in the outcome field will be treated as a successful challenge:

- Challenge Upheld - Provider Conceded
- Upheld - Service Change
- Challenge Upheld - Adjudicated by FCC

The FCC challenges must be dated up to one year prior through the date when the challenge process is launched, e.g., March 1, 2024 if the schedule here described is adhered to.

ISPs whose reported service is removed by this modification will be allowed to overturn this modification by submitting the evidence required for a rebuttal of an area challenge.

Explanation for the OBO amendment: This modification applies the logic of the area challenge module to challenges already filed through the FCC challenge process. FCC challenges reflect relatively recent cases, in which ISPs and challengers had an opportunity to provide evidence about the service available at a given location, subject to adjudication by a third party (the FCC). Cases in which six FCC challengers were successful in a single census block likely reflect more extensive mapping inaccuracies (just as six successful challenges through the state challenge process justify changes under the area challenge module).

## \* State Modification: Eligibility Status Changes based upon Joint Use of BEAD Challenge and FCC Challenge Data

BSLs where successful challenges were filed through the FCC challenge process, and where these successful FCC challenges are submitted to the OBO as evidence during the BEAD challenge process, will be counted toward availability or technology area challenges against the challenged ISP, technology, and challenge type. For instance, in a census block group where an FCC challenge was upheld for one location against a given provider and technology, five — rather than six — state challenges against that provider and technology in the same census block group would trigger an area challenge. Again, successful FCC challenges do not need to be balanced against unsuccessful FCC challenges in the same areas for purposes of compiling and submitting an area challenge, but unsuccessful challenges are relevant information to include in a rebuttal and may be a reason to reject the area challenge. Challenge records will be taken from [broadbandmap.fcc.gov/data-download/challenge-data](https://broadbandmap.fcc.gov/data-download/challenge-data). The following entries in the outcome field will be treated as a successful challenge:

Challenge Upheld - Provider Conceded  
Upheld - Service Change  
Challenge Upheld - Adjudicated by FCC

Explanation for the OBO amendment: FCC challenges reflect relatively recent cases in which ISPs and challengers had an opportunity to provide evidence about the service available at a given location, subject to adjudication by a third party (the FCC), based on broadly similar evidence to the evidence required of challenges in the state challenge process. In some areas in Oklahoma, an active community engagement process resulted in successful challenges to a substantial number of locations through the FCC challenge process. Without these modifications, these communities would be at a disadvantage in terms of correcting more widespread errors in the state challenge process, as successful FCC challengers would register as “served” and could not file a challenge that would count toward an area challenge.

## \* Transparency Plan

To ensure the challenge process is transparent and open to public and stakeholder scrutiny, the OBO will, upon approval from NTIA, publicly post an overview of the challenge process phases, challenge timelines, and instructions on how to submit and rebut a challenge. This documentation will be posted publicly for at least one week prior to opening the challenge submission window. The OBO also plans to actively inform all units of local government of its challenge process and set up regular touchpoints to address any comments, questions, or concerns from local governments, nonprofit organizations, and ISPs. Relevant stakeholders can sign up on the OBO’s website (<https://oklahoma.gov/broadband.html>) for challenge process updates and newsletters. They can also engage with the OBO by a designated email address ([broadband@broadband.ok.gov](mailto:broadband@broadband.ok.gov)). Currently, the OBO is collecting contact information for all local government officials, including phone and email. Additionally, the OBO has been iteratively building contact lists for all CAI entities as defined by the OBO. Over the coming months and during the duration of the grant’s life, the OBO will be in monthly communication with stakeholders to ensure that transparency and communication is consistent.

Beyond actively engaging relevant stakeholders, the OBO will also post all submitted challenges and rebuttals before final challenge determinations are made, including:

- the ISP, nonprofit, or unit of local government that submitted the challenge,
- the census block group containing the challenged BSL,

- the ISP being challenged,
- the type of challenge (e.g., availability or speed), and
- a summary of the challenge, including whether an ISP submitted a rebuttal.

The OBO will not publicly post any personally identifiable information (PII) or proprietary information, including subscriber names, street addresses, and customer IP addresses. To ensure all PII is protected, the OBO will review the basis and summary of all challenges and rebuttals to ensure PII is removed prior to posting them on the website. Additionally, guidance will be provided to all challengers as to which information they submit may be posted publicly.

- The OBO will treat information submitted by an existing ISP as proprietary and confidential consistent with applicable federal law. If any of these responses do contain information or data that the submitter deems to be confidential commercial information that should be exempt from disclosure under state open records laws or is protected under applicable state privacy laws, as outlined by the Oklahoma Administrative Code 93:10-3-2, that information should be identified as privileged or confidential. Otherwise, the responses will be made publicly available. Additionally, the OBO will uphold the Code of Federal Regulations Title 10/Chapter1/Part 51/Subpart A/ § 51.16, which outlines the management of propriety information.

### 1.5.1 Public Comment

*Text Box: Describe the public comment period and provide a high-level summary of the comments received during the Volume I public comment period and how they were addressed by the Eligible Entity. The response must demonstrate: a. The public comment period was no less than 30 days; and b. Outreach and engagement activities were conducted to encourage feedback during the public comment period.*

*The Eligible Entity must describe how it conducted a public comment period for no less than 30 days, provide a high-level summary of the comments received, and demonstrate how the Eligible Entity incorporated feedback in its Initial Proposal submission, as applicable. The Eligible Entity is not required to respond to all individual comments but must capture where public comments impacted the contents of the Initial Proposal submission.*

The OBO posted the Initial Proposal Volume I for public comment from September 20 – October 20, 2023. The posting included the current list of CAIs. Both documents were publicly available for Oklahomans to access on the OBO website. Comments on the Initial Proposal Volume I, including the CAI list, were submitted to [BEAD@broadband.ok.gov](mailto:BEAD@broadband.ok.gov).

The OBO promoted the public comment period for the Initial Proposal Volume I to ensure that residents, CAIs, industry, local government, community-based organizations, and other entities were aware of the document and could provide feedback.

Key outreach activities included:

- [Press release](#) on September 20, 2023
- Promotion of public comment period at *Oklahoma’s Digital Promise* listening tour stops
- Hobart – October 3, 2023
- Muskogee – October 5, 2023
- Krebs – October 11, 2023
- Burns Flat – October 12, 2023
- Atoka – October 17, 2023
- Oklahoma City – October 19, 2023
- Miami – October 20, 2023

- Announcement at Oklahoma Broadband Governing Board meeting on October 10, 2023
- Promotion during regular stakeholder meetings
- Emails to stakeholder groups and tribal governments
- Social media promotion, including LinkedIn

The OBO received 12 public comments from organizations and individuals representing ISPs, state agencies, residents, and community-based organizations. These comments provided support for key decisions in the Initial Proposal Volume I and offered feedback on proposed changes. The OBO engaged in substantive review of these public comments and made updates to the Initial Proposal Volume I as appropriate. The key themes from the public comments and impacts on the content of the Initial Proposal Volume I are discussed below.

Several respondents provided comments about CAIs, including updated broadband availability and speed data for some institutions listed. The OBO has made updates to the CAI list based on provided broadband availability information and will continue to partner with commenters, including the Oklahoma Universal Service Fund administrator, to ensure accurate representation of broadband availability. The OBO will keep the current definition of CAI as noted in Section 1.3.

A few commenters provided updated information about existing broadband funding sources. The table in Section 1.1 has been updated to include a more comprehensive list of existing sources of funding to deploy broadband infrastructure and close the digital divide.

One commenter provided detailed feedback and analysis about MDUs, citing several scenarios where the availability of broadband services at an MDU BSL does not equate to the same availability across all units within the location, including challenges with DSL, fixed wireless installation, and location of ISP equipment. The OBO has accepted the DSL modification to underserved, as described in Section 1.4, and has adopted the Area and MDU challenge, as described in Section 1.4.1.3. While the commenter recommended some changes that, in their view would improve the process, the OBO declines to make those changes because it prefers to stay aligned with the NTIA and other states that are likely to adopt the Area and MDU challenge process as suggested in the guidance.

Commenters provided feedback on the reclassification of served, underserved, and unserved locations by various technology types. Two main reclassifications were addressed:

- DSL reclassification  
Commenters provided mixed feedback, with one commenter asking for DSL locations to be classified as “unserved” and another classified as “served.” A third commenter affirmed the proposed classification as “underserved.” The OBO will maintain the reclassification of DSL from “served” to “underserved,” as described in Section 1.4.

To the claim that the initial reclassification of DSL as “underserved” is incompatible with the language of the IIJA statute, it is the OBO’s understanding that (a.) DSL service that is actually capable of delivering 100/20 service *does* still qualify as “served,” but (b.) the NTIA deems it reasonable for states to make a general judgment call that since DSL often struggles to meet the 100/20 standard, they can transfer the burden of proof of 100/20 coverage by DSL back to the ISPs making the coverage claims, for them to vindicate in the challenge process. The OBO finds this reasonable and is choosing to follow the NTIA’s lead but will correct course if the NTIA reverses its determination and advises that reclassification of DSL as underserved is not allowable. ISPs who believe they are providing 100/20 coverage using DSL technology are welcome to use the challenge process to provide evidence in support of their claims and seek

to remove the locations thus served from the BEAD eligible list.

To other commenters who advised the OBO to reclassify DSL as *unserved* — i.e., as lacking in 25/3 coverage — the OBO responds that (a.) it is not clear from available guidance that the NTIA favors this modification or deems it allowable, and (b.) 25/3 service, unlike 100/20 service, does not seem beyond the reach of what DSL commonly achieves, therefore a general dismissal of provider-reported claims of 25/3 DSL coverage does not seem epistemically well-motivated. However, the OBO strongly encourages Oklahomans whose best-available service is DSL that offers less than 25/3 to check the map and make sure they qualify as unserved, and if not, to challenge any providers whose coverage claims are getting in the way of the unserved tier of prioritization for BEAD funding to which their degree of broadband need entitles them.

- **Fixed wireless reclassification**

Commenters provided feedback on reclassifying fixed wireless from “served” to “unserved” or “underserved,” citing median cellphone speed test data being under 100/20 and the difficulties predicting wireless performance. The OBO, however, will continue to classify fixed wireless access as “served.” Two reasons for this decision are: (a.) the lack of official guidance from NTIA clarifying that a general reclassification of licensed fixed wireless coverage locations as underserved is allowable, and (b.) the large extent of the broadband coverage gaps in the state, relative to available funding, makes it inadvisable to overbuild licensed fixed wireless coverage that can plausibly claim 100/20 speeds. However, as with DSL, the OBO urges Oklahomans whose best-available internet service is licensed fixed wireless that provides inadequate speeds to check their BEAD eligibility status, make sure they are entitled to proper prioritization based on their degree of broadband need, and if not, utilize the challenge process to provide evidence that they ought to be reclassified as underserved or unserved.

Most commenters provided feedback on the challenge process. The table in Section 1.4.1.2 is exhaustive of all accepted challenge types. These comments included:

- **Planned service challenge**

Commenters raised concerns about a June 30, 2024, cut-off date for the planned service challenge, given unknown dates about the start of the challenge process and other delays that may occur, and asked for a revision. The OBO considered these comments and updated the date to **12 months from the launch of the challenge process**, which is reflected in Section 1.4.1.2.

This change makes excellent sense in one way, since the OBO can leverage existing, privately funded plans to make progress toward statewide goals. When ISPs are already building networks, making grants for projects that would overbuild them is not an **effective** use of BEAD funds.

On the other hand, to allow non-binding plans to deploy broadband service to affect locations’ BEAD eligibility creates a risk that ISPs will (a.) make planned service challenges, thereby (b.) causing some locations that are unserved or underserved and otherwise lack deployment commitments to be removed from the BEAD eligibility list, but then (c.) the ISPs who make the planned service challenges will delay or entirely fail to carry out their deployment plans, resulting in broadband needs being left unmet. That is why the OBO is not moving the deadline forward for completing projects that were the basis for planned service challenges, as much as some commenters desired. If ISPs promise to build **no later 12 months from the launch of the challenge process**, but do not accomplish this, the OBO will still be in the midst of BEAD

subgrantee selection and may be able to find other solutions to bridge the coverage gaps.

The OBO strongly discourages ISPs from making planned service challenges unless they are highly confident that they can deploy within 12 months from the launch of the challenge process, and then make sure to get the projects done. The OBO has some authority for clawbacks and fines, depending on the circumstances, and may exercise such authority in cases where planned service challenges unduly disrupt BEAD subgrantee selection and disadvantage the populations of the locations affected.

- Area and MDU challenges

Some changes were suggested, but OBO chose to align closely with the NTIA guidance to monitor and implement best practices being utilized in other states.

- Speed test challenge

Some comments related to speed test challenges reflected confusion resulting from a failure to update some language from the NTIA's model challenge process. To address this, the OBO removed the speed and latency rows in the table in Section 1.4.1.2, to reflect that those are not acceptable challenges.

- Enforceable commitment challenge

A commenter raised concern about the types of evidence that would be acceptable for challenges and rebuttals of this category. This comment relates to a scenario in which locations have been mistakenly included in the BEAD eligible location list, even though legally enforceable funded commitments to deploy broadband, using reliable technologies at speeds of 100/20 or faster, already exist. The OBO expects that it will not be difficult to establish the existence of broadband funding commitments using reliable technologies at 100/20 or faster speeds. Nonetheless, the OBO advise challengers who find that existing deployment commitments have failed to be reflected in OBO's definition of BEAD eligibility lists to supply evidence that is as ample as possible in support of the commitments, including current status, technology and speed standards, and specific locations targeted. The explanatory text in connection with enforceable commitments in the Challenge Types table has been updated to include this warning.

Commenters raised concerns about the process for citizen-originated corrections during the challenge process. The OBO will serve as facilitator to support local municipalities and/or community-based organizations collecting challenge information, as described in Section 1.4.6.1. Citizen-originated corrections in the challenge portal will be directed to the appropriate local or tribal government contact to review the challenge. If the local or tribal government chooses to participate in the process and endorses the challenge, they are classified as the challenger and can submit the challenge. The OBO believes the evidence criteria for submission are sufficient to not require certification, as recommended by one commenter. Additional details to clarify the process have been added to the section.

Additionally, commenters provided feedback on the 14-day window for ISP rebuttals to proposed challenges. The OBO has updated the rebuttal window discussed in Section 1.4.1.2 to reflect a 30-day window to rebut challenges.

Commenters asked for clarification on whether the OBO intends to use the most recent FCC mapping data for location and funding decisions. The OBO has updated Section 1.2 to reflect the use of the November 2023 FCC National Broadband Map (or most current version) for the challenge process and funding decisions.

To add further clarity to the document, based on comments received, the OBO has added footnotes with definitions, citations, and clarifications from the NTIA BEAD Model Challenge Process document to ensure clarity for readers.

Some other updates to Oklahoma's Initial Proposal Volume I have been made in response to questions and feedback from the NTIA. These changes include language about the possibility of multiple challenges based on the same evidence, in section 1.4.6.1, and language explaining that unsuccessful FCC challenges do not automatically invalidate area challenges yet may affect the determination of whether area challenges warrant a reversal of the burden of proof in census block groups subject to these challenges.